



STIC Search Report

EIC 2600

STIC Database Tracking Number: 169249

**TO: Scott Beliveau
Location: Knox 6A01
Art Unit : 2614
Tuesday, October 27, 2005
Case Serial Number: 09/761139**

**From: Virgil Tyler (ASRC)
Location: Knox 8B68
EIC 2600
Phone: 571-272-8536**

virgil.tyler@uspto.gov

Search Notes

Dear Examiner Beliveau,

Please find attached the search results for 09/761139. I used the search strategy I emailed you to edit, which, you did. I searched the standard Dialog files and the Internet.

If you would like a refocus search, please let me know.

Thank you

File 2:INSPEC 1898-2005/Oct W3
(c) 2005 Institution of Electrical Engineers
File 6:NTIS 1964-2005/Oct W3
(c) 2005 NTIS, Intl Cpyrght All Rights Res
File 8:EI Compendex(R) 1970-2005/Oct W3
(c) 2005 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2005/Oct W3
(c) 2005 Inst for Sci Info
File 35:Dissertation Abs Online 1861-2005/Oct
(c) 2005 ProQuest Info&Learning
File 65:Inside Conferences 1993-2005/Oct W4
(c) 2005 BLDSC all rts. reserv.
File 94:JICST-EPlus 1985-2005/Aug W4
(c) 2005 Japan Science and Tech Corp(JST)
File 95:TEME-Technology & Management 1989-2005/Sep W3
(c) 2005 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Sep
(c) 2005 The HW Wilson Co.
File 144:Pascal 1973-2005/Oct W3
(c) 2005 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
(c) 2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2005/Oct 25
(c) 2005 ProQuest Info&Learning
File 248:PIRA 1975-2005/Oct W2
(c) 2005 Pira International

Set	Items	Description
S1	659846	TV OR TELEVISION OR WEBTV OR IPTV OR (WEB OR INTERNET OR I-P) () (TV OR TELEVISION)
S2	391145	STB OR SET () TOP () BOX OR SETTOP () BOX OR RECEIVER?? OR GRAPHIC? () USER () INTERFACE?? OR GUI OR VOD OR VIDEO () ON () DEMAND OR STT OR SET () TOP () TERMINAL?? OR (CATV OR SUBSCRIBER OR CABLE) (- 3N) (BOX OR CONVERTER)
S3	4643	(PROGRAM? OR MOVIE?? OR SHOW?? OR SPORT?? OR APG OR IPG OR EPG OR ADVANCED OR ELECTRONIC OR INTERACTIVE) (3N) (PROGRAM? () (- GUIDE?? OR MENU?? OR LIST?? OR SCHEDULE?? OR GRID??))
S4	0	(DISPLAY(3N)GRID??) AND S3
S5	162645	(START OR BEGIN? OR SHOW?) (3N) (TIME?? OR TIME?? () (SLOT?? OR PERIOD?? OR INTERVAL??))
S6	29306	(STOP?? OR FINISH??? OR END???) (3N) (TIME?? OR TIME?? () (SLO-T?? OR PERIOD?? OR INTERVAL??))
S7	10420	(BEYOND OR EXTEND?? OR BEFORE OR AFTER OR BETWEEN OR AFT OR PRIOR OR SUBSEQUENT OR WITHIN OR OUTSIDE) (3N) (S4:S6)
S8	34	(DISPLAY? OR INDICAT?) (3N) S7
S9	226	AU=(MOIR, M? OR MOIR M?)
S10	13946	TIME(3N) (LAPSE OR REMAINING)
S11	31787	S1 AND S2
S12	176	S11 AND S3
S13	0	S12 AND S7
S14	16	S12(3N) (DISPLAY? OR INDICAT? OR ARROW () ICON??)
S15	0	S14 AND S8
S16	14	RD S14 (unique items)
S17	7	S16 NOT PY>2000
S18	226	ARROW(3N) (ICON OR INDICAT?)
S19	0	S18 AND S12
S20	14	S18 AND (S5 OR S6)

S21	5	(BEYOND OR EXTEND?? OR BEFORE OR AFTER OR BETWEEN OR AFT OR
		PRIOR OR SUBSEQUENT OR WITHIN OR OUTSIDE) (3N) S20
S22	0	S21 AND S10
S23	2	RD S21 (unique items)
S24	0	S23 NOT (ICE OR TRAFFIC)
S25	0	S3(30N) S7
S26	24	S3 AND (S4:S10)
S27	2	S26 AND S11
S28	2	S27 NOT (S17 OR S23)
S29	22	S26 NOT S28
S30	20	RD (unique items)
S31	18	S30 NOT PY>2000
S32	18	S31 NOT (S17 OR S28)
S33	0	(S12 OR S18) (3N) (TIME(3N) (BAR OR ROW?? OR CELL??))
S34	0	(S12 OR S18) AND S9
S35	1	(S12 OR S18) (3N) (PROGRAM? (3N) GRID??)
S36	1	S35 NOT (S17 OR S28 OR S32)
S37	26	RD S8 (unique items)
S38	22	S37 NOT PY>2000
S39	22	S38 NOT (S17 OR S28 OR S32 OR S36)
S40	0	S39 AND (S1:S3)
S41	1	S39 AND (S9 OR S10)
S42	0	S41 NOT (S17 OR S28 OR S32 OR S36 OR S39)

17/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

07410347 INSPEC Abstract Number: B2000-01-6430-001, C2000-01-6150J-003

Title: The PowerTV Operating System

Author(s): Woodson, M.

Journal: Dr. Dobb's Journal vol.24, no.11 p.56-60

Publisher: Miller Freeman,

Publication Date: Nov. 1999 Country of Publication: USA

CODEN: DDJSMD ISSN: 1044-789X

SICI: 1044-789X(199911)24:11L:56:POS;1-O

Material Identity Number: B719-1999-010

Language: English

Subfile: B C

Copyright 1999, IEE

...Abstract: PowerModules, which are libraries for communicating on the network, tuning analog and digital channels, and **displaying TV**-centric graphics. A resident application lives in flash memory for user settings, changing channels, and **displaying a program guide**. Other applications can be downloaded from servers at the cable operator's head end (servers...

...Identifiers: **TV**-centric graphics **display** ; ...

... **program guide display** ;

17/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03512949 INSPEC Abstract Number: B85052489

Title: Digicolor video chassis. Both fish and flesh (TV receiver)

Journal: Funkschau no.11 p.41-2

Publication Date: 24 May 1985 Country of Publication: West Germany

CODEN: FUSHA2 ISSN: 0016-2841

Language: German

Subfile: B

...Abstract: comprise the receiver block diagram with the 4 'Digibrids' and 3 photographs of typical screen **displays : program menus**, video text page.

17/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

02458302 INSPEC Abstract Number: B80006450, C80004655

Title: Microcomputer-controlled programmable TV receiver

Author(s): Yasue, H.; Furuya, S.; Mogi, Y.; Fujii, S.

Author Affiliation: Internat. Television Div., Matsushita Electric Ind. Co. Ltd., Osaka, Japan

Journal: National Technical Report vol.25, no.3 p.471-9

Publication Date: June 1979 Country of Publication: Japan

CODEN: NTROAV ISSN: 0028-0291

Language: Japanese

Subfile: B C

...Abstract: back-up battery (in case of mains power failure); retention

of as many as 20 TV programs, and display of the program list on the TV screen; automatic turn-off of the mains power 3 approximately 4 minutes...

17/3,K/4 (Item 1 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04006949 E.I. No: EIP94122476170

Title: Individually addressable TV receiver with interactive channel guide display , VCR, and cable box control

Author: Cherrick, Sol; Pint, Chuck; Sigman, Steve; Zato, Tom; Milnes, Ken ; King, Molly; Kochy, Jeff; Warden, Dave

Corporate Source: Zeneth Electronics Corp

Source: IEEE Transactions on Consumer Electronics v 40 n 3 Aug 1994. p 317-328

Publication Year: 1994

CODEN: ITCEDA ISSN: 0098-3063

Language: English

Title: Individually addressable TV receiver with interactive channel guide display , VCR, and cable box control

17/3,K/5 (Item 1 from file: 94)

DIALOG(R)File 94: JICST-EPlus

(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

03477753 JICST ACCESSION NUMBER: 97A0971637 FILE SEGMENT: JICST-E
Digital Broadcasting Moving toward 21st Century. Digital Broadcasting Technologies. Digital Broadcasting Receiver.

MURATA TOSHINORI (1); KATSUMATA KENJI (1); NAKAGAWA ISAO (1); TAKAHASHI SATOSHI (1); KUSHIDA TOSHIO (2)

(1) Hitachi, Ltd.; (2) Hitachi Maruchimediashisutemuse

Eizo Joho Medeia Gakkaishi (Journal of the Institute of Image Information and Television Engineers), 1997, VOL.51, NO.9, PAGE.1364-1369, FIG.8, TBL.1, REF.6

JOURNAL NUMBER: F0330ACX ISSN NO: 1342-6907

UNIVERSAL DECIMAL CLASSIFICATION: 621.397+654.197 621.397.62

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

...ABSTRACT: system is QPSK (frequency band 27MHz). Besides, it is mounted with the scramble release function, electronic program guide decoding and display functions and others which are necessary for the integrated reception decoder. Though they are enough...

17/3,K/6 (Item 2 from file: 94)

DIALOG(R)File 94: JICST-EPlus

(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

03403995 JICST ACCESSION NUMBER: 97A0542686 FILE SEGMENT: JICST-E
CS Digital Broadcasting. DIRECTV.

OSAKI KEIJI (1)

Erekutoronikusu, 1997, VOL.42, NO.6, PAGE.7-9, FIG.4

JOURNAL NUMBER: F0037AAL ISSN NO: 0421-3513 CODEN: ERKTA

UNIVERSAL DECIMAL CLASSIFICATION: 621.397+654.197
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

...ABSTRACT: operation are explained. As a technology for reception, IRD
(Integrated Receiver/Decoder) to control the **display** and selection of
program guide is introduced. As a technology for high image
quality, the statistical multiplexing technology for changing...

17/3,K/7 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

09113638
Tuning videos without tears
UK: INNOVATION DESIGNED FOR VIDEO TUNING
Sunday Times (ST) 30 May 1999 Section 5, p.11
Language: ENGLISH

... played and stored on a database of the whole tape. The small images are
then **displayed** on a **television** screen and can automatically be found on
the tape by selecting a specific image. An...

28/3,K/1 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

06482059 SUPPLIER NUMBER: 74174721
Interactive TV offerings set to grow Consumers still fuzzy on concept
Meredith, Jeff
Chicago Tribune, p 4.3
Jun 18, 2001
ISSN: 1085-6706 NEWSPAPER CODE: CTRB
DOCUMENT TYPE: Feature; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

Interactive TV offerings set to grow Consumers still fuzzy on concept

ABSTRACT: The mystery for consumers is what exactly constitutes interactive TV. Meaning shifts from vendor to vendor, but a barrage of features are arriving. For instance, **interactive program guides** allow viewers to select channels by genre or even with a particular actor in mind, while **Video on Demand** lets viewers access programming that can be **shown** at any **time** --pause, rewind or fast-forward.

...DESCRIPTORS: Cable TV ; ...

...Interactive television

28/3,K/2 (Item 2 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

06155599 SUPPLIER NUMBER: 60680199
What's the Right Gizmo for TV Interactivity? It All Depends
Hansell, Saul
New York Times, p H.40
Sep 20, 2000
ISSN: 0362-4331 NEWSPAPER CODE: NYT
DOCUMENT TYPE: News; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

What's the Right Gizmo for TV Interactivity? It All Depends

ABSTRACT: The easiest interactive **television** systems to use are those that are built into the **set - top box** that comes with all satellite and some cable services. People with relatively late-model boxes...

...seeing interactive features popping up. Perhaps the most common interactive systems in use today are **electronic program guides**, which let viewers see when programs are playing and order movies on satellite and a...

...path to buying pay-per-view movies, which on sophisticated systems can be ordered to **begin** at any **time** and can also be paused, rewound and replayed like videocassettes. The guides are also showing signs of evolving into **television** portals, complete with shopping. STAND-ALONE SYSTEMS -- Viewers whose cable companies do not offer interactive features or who want the latest features can choose between two services, **WebTV** and AOLTV, which add interactivity to any **television**, as long as it's near a phone line. Both offer e-mail and Web surfing, and both offer interactive features synchronized to certain **television** programs. AOLTV also lets

users chat and send instant messages to anyone logged on to any of America Online's services. **WebTV** costs \$100 to \$150 for the box and \$25 a month for the service. The...

DESCRIPTORS: Interactive **television** ;

32/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

07861827 INSPEC Abstract Number: B2001-04-6420-009

Title: Real-Time EPG system

Author(s): Ino, D.; Takeuchi, Y.; Ishibashi, H.; Nakamura, Y.
Author Affiliation: Lab. for Multimedia Syst. Res., Matsushita Electr.
Ind. Co. Ltd., Osaka, Japan
Journal: Matsushita Technical Journal vol.46, no.6 p.19-26
Publisher: Matsushita Electric Industrial Co,
Publication Date: Dec. 2000 Country of Publication: Japan
CODEN: NTROAV ISSN: 1343-9529
SICI: 1343-9529(200012)46:6L:19:RTS;1-U
Material Identity Number: G497-2001-001
Language: Japanese
Subfile: B
Copyright 2001, IEE

Abstract: The Real-Time EPG system, which can generate an **EPG (electronic program guide)** at high speed, has been developed for digital broadcasting stations. The TV programming can be...

... input data into the contents of a program (title, casting, genre, etc.) and the broadcasting **time (start and end time)** of the program). This provided faster operation by allowing each of these two data types...

...Identifiers: **electronic program guide** ;

32/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
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06195087 INSPEC Abstract Number: C9604-7480-069

Title: Three mechanisms for managing resource constraints in a library for constraint-based scheduling

Author(s): Le Pape, C.
Author Affiliation: ILOG SA, Gentilly, France
Conference Title: Proceedings 1995 INRIA/IEEE Symposium on Emerging Technologies and Factory Automation. ETFA'95 (Cat. No.95TH8056) Part vol.1 p.281-9 vol.1
Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA
Publication Date: 1995 Country of Publication: USA 3 vol.
(xi+709+603+580) pp.
ISBN: 0 7803 2535 4 Material Identity Number: XX96-00364
U.S. Copyright Clearance Center Code: 0 7803 2535 4/95/\$4.00
Conference Title: Proceedings 1995 INRIA/IEEE Symposium on Emerging Technologies and Factory Automation. ETFA'95
Conference Sponsor: IEEE Ind. Electron. Soc.; INRIA
Conference Date: 10-13 Oct. 1995 Conference Location: Paris, France
Language: English
Subfile: C
Copyright 1996, IEE

...Abstract: industrial scheduling applications. SCHEDULE is based on SOLVER, a generic tool for object-oriented constraint **programming**. **SCHEDULE** includes three categories of predefined constraints: temporal constraints, capacity constraints, and resource utilization constraints. Three...

... the two other mechanisms, but results in the assignment of more precise

earliest and latest **start** and **end times** to activities. Each of the three mechanisms is useful, as the time-table and disjunctive...

32/3,K/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03821812 INSPEC Abstract Number: B87013974

Title: The programming of domestic television equipment via teletext
Author(s): Eitz, G.; Oberlies, K.-U.
Author Affiliation: FK TG, Mainz, West Germany
Journal: Rundfunktechnische Mitteilungen vol.30, no.5 p.223-9
Publication Date: 1986 Country of Publication: West Germany
CODEN: RUMIA5 ISSN: 0035-9890
Language: German
Subfile: B

...Abstract: simplification derives from the elimination of the need for the inexperienced user to enter the **times** of the **beginning** and end of the wanted programme, the date, and the broadcasting organization (channel number on tuner), which is often a source of errors. Instead, the viewer simply chooses the required **programme** from the **programme schedule** in the teletext pages. The cassette recorder is then programmed automatically through an analysis of...

32/3,K/4 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
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1695936 NTIS Accession Number: N93-11949/3

Methodologies for Building Robust Schedules

Dean, J. H.

McDonnell Douglas Space Systems Co., Houston, TX.

Corp. Source Codes: 097404000; MP628328

Sponsor: National Aeronautics and Space Administration, Washington, DC.

Jan 92 5p

Languages: English

Journal Announcement: GRAI9305; STAR3102

In NASA. Lyndon B. Johnson Space Center, Fifth Annual Workshop on Space Operations Applications and Research (Soar 1991), Volume 1 p 189-193.

NTIS Prices: (Order as N93-11921/2, PC A20/MF A04)

... and their resource requirements. COMPASS uses this information, and guided by the user, develops precise **start** and **stop times** for the activities. In actual practice however, it is impossible to know with complete certainty...

Descriptors: *Algorithms; *Computer techniques; *Knowledge representation; *Scheduling; Computer **programs**; **Schedules**; Aerospace systems; Computer systems performance; Perturbation; Probability theory

32/3,K/5 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

03023976 E.I. Monthly No: EIM9102-006633

Title: European Broadcasting Union's programme delivery control system.
Author: Wilson, S. J.

Corporate Source: European Broadcasting Union, Switz
Conference Title: International Broadcasting Convention - IBC 1990
Conference Location: Brighton, Engl Conference Date: 19900921
E.I. Conference No.: 13964
Source: IEE Conference Publication n 327. Publ by IEE, Michael Faraday
House, Stevenage, Engl. p 261-265
Publication Year: 1990
CODEN: IECPB4 ISSN: 0537-9987
Language: English

...Abstract: automatically and completely. Many users of domestic video recorders experience great difficulty when entering the **start** and **stop times** and dates of programmes which they wish to have recorded in their absence. In addition...

...significant number of programmes are not broadcast exactly to the minute announced in the printed **programme schedules**. The EBU PDC system as described, offers solutions to both these problems, by allowing user-friendly **programme** selection from **programme guide** 'menus', and by coping automatically with any changes made by broadcasters to programme transmission time...

32/3,K/6 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

01384061 Genuine Article#: GV132 No. References: 5
Title: PROGRAM DELIVERY CONTROL FOR SIMPLIFIED HOME VIDEO RECORDING
Author(s): WILSON EJ
Corporate Source: EUROPEAN BROADCASTING UNION TECH CTR,DEPT
TECH/GENEVA//SWITZERLAND/
Journal: IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, 1991, V37, N4, P737-745
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: automatically and completely.

Many users of domestic video recorders experience great difficulty when entering the **start** and **stop times** and dates of programmes which they wish to have recorded in their absence. In addition...

...significant number of programmes are not broadcast exactly to the minute announced in the printed **programme schedules**. The EBU PDC system as described, offers solutions to both these problems, by allowing user-friendly **programme** selection from **programme guide** 'menus', and by coping automatically with any changes made by broadcasters to programme transmission time...

32/3,K/7 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01714248 ORDER NO: AADAA-INQ43447
An analysis of the construction of national, racial, and gendered identities on MuchMusic (Canada) and MTV (United States)
Author: Pegley, Karen Ann
Degree: Ph.D.
Year: 1999
Corporate Source/Institution: York University (Canada) (0267)

Source: VOLUME 60/10-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 3570. 384 PAGES
ISBN: 0-612-43447-8

...analysed the extra-musical content from a 12-hour random sample, targeting elements such as **programming schedule**, commercial flow, sound and visual trailers, station identification tags, the role of the VJ, and ...

...its erasure of collective cultural history. MuchMusic, as of 1995, still fostered a sense of **time** by **showing** older videos, airing live musical performances, and by situating themselves in a specific place and...

32/3,K/8 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

04731867 JICST ACCESSION NUMBER: 01A0115504 FILE SEGMENT: JICST-E
Digital Broadcasting Systems. (II). Real-Time EPG System.
IINO DAISUKE (1); TAKEUCHI YOSHIYASU (1); ISHIBASHI HIROYOSHI (1); NAKAMURA YASUHIRO (1)
(1) Matsushita Electric Industrial Co., Ltd., Multimedia Systems Res. Lab., JPN
Matsushita Tech J, 2000, VOL.46,NO.6, PAGE,595-602, FIG.13, TBL.1, REF.4
JOURNAL NUMBER: G0474ABY ISSN NO: 1343-9529
UNIVERSAL DECIMAL CLASSIFICATION: 621.397+654.197
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

ABSTRACT: The Real-Time EPG system, which can generate an **EPG** (**Electronic Program Guide**) at high speed, has been developed for digital broadcasting stations. A TV programming can be...

...input data into the contents of a program (title, casting, genre, etc.) and the broadcasting **time** (**start** and **end time** of the program). This provides faster operation by allowing each of these two data types ...

32/3,K/9 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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06216393 SUPPLIER NUMBER: 63641092
Rivals Question Sincerity of a Promise to Play Fair as the Interactive Arena Grows
Rutenberg, Jim
New York Times, p A.18
Nov 13, 2000
ISSN: 0362-4331 NEWSPAPER CODE: NYT
DOCUMENT TYPE: News; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: pool of potential TV viewers to whom it can promote its portfolio of top-rated, **Time** Warner-produced television **shows** -- like "Friends" and "E.R." -- and its TV outlets, like the WB broadcast network and...

...impact as television evolves into a more interactive medium. AOL Time Warner could use the **program guide** of AOLTV, its fledgling interactive television service, to entice people to watch the company's...

32/3,K/10 (Item 2 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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06099807 SUPPLIER NUMBER: 56292242
Man's new electronic friend
Brown, Maggie
Guardian, p 9
Jul 10, 2000
NEWSPAPER CODE: MG
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

ABSTRACT: This suggests, says the BBC, that the **EPG** almost replaces printed **programme guides** (Radio Times please note) within digital homes. However, some people criticise the EPG for giving...

...less adventurous. But it may be temporary: Dart says its latest findings for the first **time show** slightly more women using the EPG than men. It also finds that Sky Digital subscribers...

32/3,K/11 (Item 3 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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06054570 SUPPLIER NUMBER: 56378983
AOL Takes a Bold Step In Linking TV to Web, But It's a Weak Link
Mossberg, Walter S
Wall Street Journal, p B1
Jul 13, 2000
ISSN: 0099-9660 NEWSPAPER CODE: WSJ
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: not watching programs. But AOL aimed to create a TV-centric experience, complete with an **electronic program guide** for normal TV viewing, special interactive channels, and TV-themed Web material and chat rooms...

...be notified when a pal logs on. You can then swap instant messages in real **time**, discussing a favorite **show** or a big game you're both watching, regardless of whether the other person is...

32/3,K/12 (Item 4 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

05948107 SUPPLIER NUMBER: 51573596
Netscape Can Win -- by Default
Einstein, David
San Francisco Chronicle, p B3
Mar 23, 2000

NEWSPAPER CODE: SF
DOCUMENT TYPE: SPECIAL DAILY REPORT: PERSONAL TECHNOLOGY; Newspaper
article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: t exactly a one-click solution. First, launch Windows
Explorer (it's in the Start/ **Programs menu**) and go to C:
Program Files
Netscape
Users. In that folder, you'll see your...

...at the top of the file that warns you not to edit it). The next **time**
you **start** Communicator, you should see a box asking if you want to make
Netscape your default...

32/3,K/13 (Item 5 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

05941194 SUPPLIER NUMBER: 50976685
**Past . . . present . . . Welcome to personal television and smart
programme guides . But is it the end for the Radio Times ? Patrick
Barkham reports on an armchair revolution**
Barkham, Patrick
Guardian, p 64
Mar 13, 2000
NEWSPAPER CODE: MG
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

**Past . . . present . . . Welcome to personal television and smart
programme guides . But is it the end for the Radio Times ? Patrick
Barkham reports on an armchair revolution**

...ABSTRACT: what time Friends is on? The answer could come from the
latest television technology. Onscreen **electronic programme guides**
(EPGs) are already here. Other smart machines, able to tell you what you
want to...

32/3,K/14 (Item 6 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

05763337
**The Guilds Join Push for Diversity; Television * SAG begins study of racial
images on TV; Writers Guild presses network executives.**
Braxton, Greg
Los Angeles Times, Sec F, p 1, col 6
Oct 27, 1999
ISSN: 0458-3035 NEWSPAPER CODE: LA
DOCUMENT TYPE: News; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT
LENGTH: Long (18+ col inches)

...ABSTRACT: to press broadcasters over the shortage of minority actors in
the 26 new prime- time **programs scheduled** in May. In addition to the
groups mentioned, the Screen Actors Guild is funding a study, which gets
underway this week, that will examine racial stereotypes and images in the

remaining prime- time shows . The study principally will look at the depiction of African Americans, said actress Anne-Marie...

32/3,K/15 (Item 7 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

04915600

WINTER OLYMPICS 1998; A LOOK AHEAD: TODAY'S CLOSEUPS; MEN'S FIGURE SKATING;
Eldredge Hopes for Elway Spin

Penner, Mike

Los Angeles Times, Sec N, p 7, col 1

Feb 12, 1998

ISSN: 0458-3035 NEWSPAPER CODE: LA

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

...ABSTRACT: of shiny metal this week. Thursday, Eldredge begins his bid in the men's short program , with the long program scheduled for Saturday. "It's time to show people," Eldredge says. "I know it sounds kind of corny, but I want to show..."

32/3,K/16 (Item 8 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01385867

CNN, Network News Teams Return to TV's Center Stage

Kloer, Phil

Atlanta Constitution, Sec E, p 1, col 5

Aug 20, 1991

NEWSPAPER CODE: ATC

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

ABSTRACT: For the first time since the end of the Persian Gulf War, TV news became dominant on the programming schedule when the Soviet Union's government was overthrown in a coup d'etat.

32/3,K/17 (Item 9 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00275296

Hits on Local TV This Fall

Ross, Chuck

San Francisco Chronicle, Sec E, p 1, col 2

Aug 9, 1989

NEWSPAPER CODE: SF

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

ABSTRACT: The prime time programs scheduled for showing by San Francisco's television stations during the fall of 1989 are previewed.

32/3,K/18 (Item 1 from file: 248)
DIALOG(R)File 248:PIRA
(c) 2005 Pira International. All rts. reserv.

00505064 Pira Acc. Num.: 20106637

Title: Lean times ahead for listings titles

Authors: Killgren L

Source: Mark. Week vol. 21, no. 7, 16 Apr. 1998, pp 12-13

Publication Year: 1998

Document Type: Journal Article

Language: English

...Abstract: reached saturation point and some well known titles have become stagnant or are struggling. With **electronic programme guides** (EPGs) on their way competition looks set to increase. The spectre of digital television looms...

... advertising agency to promote TV Times and other listings titles. Major players, such as TV **Times**, may have to **stop** thinking of themselves as listings magazines and start thinking of themselves as entertainment titles. ABC...

36/3,K/1 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

04433686

Consumer Reports ranks DSS "most user-friendly"

Ostrow, Joanne

Denver Post, Sec I, p 3, col 2

Feb 16, 1997

NEWSPAPER CODE: DP

DOCUMENT TYPE: Commentary; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

...ABSTRACT: in advance. They found it easy to sort channels by category, but there's no **programming grid**. Slow to change channels, pay-per-view must be called in by phone, and this...

File 344:Chinese Patents Abs Aug 1985-2005/May
(c) 2005 European Patent Office
File 347:JAPIO Nov 1976-2005/Jun(Updated 051004)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200568
(c) 2005 Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	395034	TV OR TELEVISION OR WEBTV OR IPTV OR (WEB OR INTERNET OR I-P) () (TV OR TELEVISION)
S2	393605	STB OR SET () TOP () BOX OR SETTOP () BOX OR RECEIVER?? OR GRAPHIC? () USER () INTERFACE?? OR GUI OR VOD OR VIDEO () ON () DEMAND OR STT OR SET () TOP () TERMINAL?? OR (CATV OR SUBSCRIBER OR CABLE) (- 3N) (BOX OR CONVERTER)
S3	4286	(PROGRAM? OR MOVIE?? OR SHOW?? OR SPORT?? OR APG OR IPG OR EPG OR ADVANCED OR ELECTRONIC OR INTERACTIVE) (3N) (PROGRAM? () (- GUIDE?? OR MENU?? OR LIST?? OR SCHEDULE?? OR GRID??))
S4	12	(DISPLAY(3N)GRID??) AND S3
S5	53287	(START OR BEGIN? OR SHOW?) (3N) (TIME?? OR TIME?? () (SLOT?? OR PERIOD?? OR INTERVAL??))
S6	48521	(STOP?? OR FINISH??? OR END???) (3N) (TIME?? OR TIME?? () (SLOT?? OR PERIOD?? OR INTERVAL??))
S7	13085	(BEYOND OR EXTEND?? OR BEFORE OR AFTER OR BETWEEN OR AFT OR PRIOR OR SUBSEQUENT OR WITHIN OR OUTSIDE) (3N) (S3:S6)
S8	62	AU=(MOIR, M? OR MOIR M?)
S9	46453	TIME(3N) (LAPSE OR REMAINING OR SLOT?? OR BAR??)
S10	833	(DISPLAY? OR INDICAT? OR ARROW(3N)ICON?? OR GLYPH?? OR FON-T?? OR GRAPHIC? OR GRAPHIX OR PICTOGRAM?? OR PICTOGRAPH?? OR - SYMBOL??) (3N) (S7 OR AMOUNT(3N)TIME??)
S11	0	S4 AND S7
S12	0	S4 AND S8
S13	1	S4 AND S5
S14	0	S4 AND S6
S15	1	S4 AND S9
S16	0	S15 NOT S13
S17	0	S4 AND S10
S18	10	S4 AND S1
S19	1	S4 AND S2
S20	1	S19 NOT (S13 OR S15)
S21	5	S18 NOT AD=20000122:20051027/PR
S22	447	(S1 AND S2) (3N) S3
S23	6	S22 (3N) (BEYOND OR EXTEND?? OR BEFORE OR AFTER OR BETWEEN OR AFT OR PRIOR OR SUBSEQUENT OR WITHIN OR OUTSIDE)
S24	6	S23 NOT (S13 OR S15 OR S20)
S25	2	S24 NOT AD=20000122:20051027/PR
S26	2	S22 (3N) S5
S27	1	S26 NOT (S13 OR S15 OR S20 OR S24)
S28	1	S22 (30N) S6
S29	1	S28 NOT (S13 OR S15 OR S20 OR S24 OR S27)
S30	0	S22 (3N) S9
S31	8	S22 AND S9
S32	0	S31 AND S10
S33	4	S31 NOT AD=20000122:20051027/PR
S34	4	S33 AND IC=H04N?
S35	4	S34 NOT (S13 OR S15 OR S20 OR S24 OR S27 OR S29)
S36	1	S22 AND S8
S37	1	S36 NOT (S13 OR S15 OR S20 OR S24 OR S27 OR S29)

13/3,K/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

010691744 **Image available**
WPI Acc No: 1996-188700/199619
XRPX Acc No: N96-157794

Generation system for information display schedule for electronic
program guide - using data processor in playback system to receive and
store television program schedule data which is output at certain
frequency in desired time interval

Patent Assignee: NEWS AMERICA PUBLICATIONS INC (NEWS-N); TELECOM COLORADO
INC (TELE-N); TV GUIDE ON SCREEN (TVGU-N); TELECOM COLORADO (TELE-N);
UNITED VIDEO PROPERTIES INC (UNVI-N); DAVIS B (DAVI-I); GUTMAN J (GUTM-I)
; HEYDT M (HEYD-I); MILLER L (MILL-I)

Inventor: DAVIS B; GUTMAN J; HEYDT M; MILLER L; ALTEN J; MORRIS M; THOMAS W
L; YOUMAN R

Number of Countries: 024 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9609721	A1	19960328	WO 95US12100	A	19950922	199619 B
AU 9536818	A	19960409	AU 9536818	A	19950922	199629
US 5559548	A	19960924	US 94247059	A	19940520	199644
			US 94311475	A	19940923	
US 5635978	A	19970603	US 94247059	A	19940520	199728 N
EP 782806	A1	19970709	EP 95934500	A	19950922	199732
			WO 95US12100	A	19950922	
BR 9509033	A	19971028	BR 959033	A	19950922	199750
			WO 95US12100	A	19950922	
AU 691347	B	19980514	AU 9536818	A	19950922	199831
JP 10506248	W	19980616	WO 95US12100	A	19950922	199834
			JP 96511101	A	19950922	
MX 9702130	A1	19980401	MX 972130	A	19970320	200004
CA 2200348	C	20010102	CA 2200348	A	19950922	200104
			WO 95US12100	A	19950922	

Priority Applications (No Type Date): US 94311475 A 19940923; US 94247059 A
19940520

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9609721	A1	E	67	H04N-007/025	
					Designated States (National): AU BR CA JP MX SG
					Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
AU 9536818	A			H04N-007/025	Based on patent WO 9609721
US 5559548	A		36	H04N-007/10	CIP of application US 94247059
US 5635978	A		32	H04N-007/10	
EP 782806	A1	E	67	H04N-007/025	Based on patent WO 9609721
					Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
BR 9509033	A			H04N-007/025	Based on patent WO 9609721
AU 691347	B			H04N-007/025	Previous Publ. patent AU 9536818
					Based on patent WO 9609721
JP 10506248	W		100	H04N-007/025	Based on patent WO 9609721
MX 9702130	A1			H04N-007/025	
CA 2200348	C	E		H04N-007/025	Based on patent WO 9609721

Generation system for information display schedule for electronic
program guide - ...

...using data processor in playback system to receive and store television

program schedule data which is output at certain frequency in desired time interval

...Abstract (Basic): In the system for generating an **electronic programme guide** for transmission on a television channel, the method for creating a schedule for display of...

...first time slot is set up in the time interval and commences concurrently with the **start** of the **time period**.

...Abstract (Equivalent): A system for providing an **electronic television programming guide** on a television channel comprising...

...means for receiving television **program schedule** information for a plurality of television programs...

...a multimedia generator for receiving said television **program schedule** information and said control commands from said data processing means and generating, in response to said control commands, a first viewable display comprising a portion of said television **program schedule** information in **grid** format, said viewable **display** comprising program titles for a first plurality of television channels and a plurality of time...

...and a second viewable display comprising a portion of said television **program schedule** information in grid format, said second viewable display comprising program titles for a second plurality...

...A system for providing an **electronic television programming guide** on a television channel comprising...

...means for receiving television **program schedule** information for a plurality of television **programs**, said **program schedule** information comprising **program** title information, said program title information comprising abbreviated titles and complete titles...

...a multimedia generator for receiving said **program schedule** information and said control commands from said data processing means and generating, in response to said control commands, viewable displays of television **program schedule** information in a grid comprising grid cells, said grid cells comprising program title information, wherein said multimedia generator generates a first viewable display of television **program schedule** information for a first plurality of television channels and a plurality of time slots, and a second viewable display of television **program schedule** information for a second plurality of television channels and said plurality of time slots, said...

...by said data processing means from said program title information in accordance with the available **display** space in said **grid** cells...

...In a system for providing an **electronic program guide** for transmission on a television channel, a method for generating a schedule for display of...

...first time slot in said time period, said first time slot commencing concurrently with the **beginning** of said **time period**,

20/3,K/1 (Item 1 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2005 Thomson Derwent. All rts. reserv.

014117980 **Image available**
 WPI Acc No: 2001-602192/200168
 XRPX Acc No: N01-449372

**Pay TV selected digital word television programme display system having
 selection criteria sampler decoder receiver memory stored and user
 applied setting filtered TV display grid .**

Patent Assignee: NAGRAVISION SA (NAGR-N)

Inventor: BERTHOLET P

Number of Countries: 092 Number of Patents: 016

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200113633	A1	20010222	WO 2000EP6100	A	20000630	200168	B
AU 200059804	A	20010313	AU 200059804	A	20000630	200168	
BR 200013275	A	20020423	BR 200013275	A	20000630	200235	
			WO 2000EP6100	A	20000630		
EP 1205069	A1	20020515	EP 2000945852	A	20000630	200239	
			WO 2000EP6100	A	20000630		
CZ 200200462	A3	20020612	WO 2000EP6100	A	20000630	200251	
			CZ 2002462	A	20000630		
KR 2002022096	A	20020323	KR 2002701662	A	20020207	200264	
CN 1361989	A	20020731	CN 2000810445	A	20000630	200279	
JP 2003507941	W	20030225	WO 2000EP6100	A	20000630	200317	
			JP 2001517797	A	20000630		
ZA 200200126	A	20030326	ZA 2002126	A	20020107	200327	
TW 496089	A	20020721	TW 2000115746	A	20000804	200329	
EP 1205069	B1	20030917	EP 2000945852	A	20000630	200369	
			WO 2000EP6100	A	20000630		
DE 60005372	E	20031023	DE 5372	A	20000630	200377	
			EP 2000945852	A	20000630		
			WO 2000EP6100	A	20000630		
AU 769682	B	20040129	AU 200059804	A	20000630	200412	
ES 2206272	T3	20040516	EP 2000945852	A	20000630	200434	
MX 2002000212	A1	20030801	WO 2000EP6100	A	20000630	200464	
			MX 2002212	A	20020108		
MX 226130	B	20050207	WO 2000EP6100	A	20000630	200565	
			MX 2002212	A	20020108		

Priority Applications (No Type Date): CH 991480 A 19990813

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200113633 A1 F 23 H04N-007/16

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH
 CN CU CZ DE DK DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG
 SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
 IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200059804 A Based on patent WO 200113633

BR 200013275 A H04N-007/16 Based on patent WO 200113633

EP 1205069 A1 F H04N-007/16 Based on patent WO 200113633

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
 LI LT LU LV MC MK NL PT RO SE SI

CZ 200200462 A3 H04N-007/16 Based on patent WO 200113633

KR 2002022096 A H04N-007/16

CN 1361989 A H04N-007/16

JP 2003507941 W 20 H04N-007/173 Based on patent WO 200113633

ZA 200200126 A 26 H04N-000/00

TW 496089	A	H04N-007/16	
EP 1205069	B1 F	H04N-007/16	Based on patent WO 200113633
Designated States (Regional):			AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI			
DE 60005372	E	H04N-007/16	Based on patent EP 1205069
			Based on patent WO 200113633
AU 769682	B	H04N-007/16	Previous Publ. patent AU 200059804
			Based on patent WO 200113633
ES 2206272	T3	H04N-007/16	Based on patent EP 1205069
MX 2002000212	A1	H04N-007/16	Based on patent WO 200113633
MX 226130	B	H04N-007/16	Based on patent WO 200113633

Pay TV selected digital word television programme display system having selection criteria sampler decoder receiver memory stored and user applied setting filtered TV display grid .

Abstract (Basic):

... The pay television sampling process has a **display grid** of TV programmes transmitted by a processing centre to televisions with video text decoders. An...

...to that required by the user, the filtering is applied and is displayed as a **programme grid** .

21/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014603764 **Image available**
WPI Acc No: 2002-424468/200245
Related WPI Acc No: 1997-350417; 1998-505916
XRPX Acc No: N02-333676

**Video information retrieval system for cable television , changes
program data displayed on different axis of grid format display based
on user input**

Patent Assignee: UNITED VIDEO PROPERTIES INC (UNVI-N)
Inventor: THOMPSON J R; TRIVELPIECE C E; TRIVELPIECE S E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6357046	B1	20020312	US 92959042	A	19921009	200245 B
			US 97806243	A	19970220	
			US 98103268	A	19980623	

Priority Applications (No Type Date): US 92959042 A 19921009; US 97806243 A
19970220; US 98103268 A 19980623

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6357046	B1	13	H04N-007/14		Cont of application US 92959042 Cont of application US 97806243 Cont of patent US 5644354 Cont of patent US 5805204

**Video information retrieval system for cable television , changes
program data displayed on different axis of grid format display based
on user input**

Abstract (Basic):

... and an operating software from headend, and executes the
software to process received data. A **program guide** display of
decoded data is generated in a **grid** format. The guide **display**
changes program data displayed on different axis based on user input.
... In cable **television** system...

...Enables a viewer to access continually updated information such as
program guides , sports activities, weather, financial reports,
etc., as the program displayed in different grid axis is changed...
...Title Terms: **TELEVISION ;**

21/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014117980 **Image available**
WPI Acc No: 2001-602192/200168
XRPX Acc No: N01-449372

**Pay TV selected digital word television programme display system
having selection criteria sampler decoder receiver memory stored and user
applied setting filtered TV display grid .**

Patent Assignee: NAGRAVISION SA (NAGR-N)
Inventor: BERTHOLET P
Number of Countries: 092 Number of Patents: 016
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200113633	A1	20010222	WO 2000EP6100	A	20000630	200168	B
AU 200059804	A	20010313	AU 200059804	A	20000630	200168	
BR 200013275	A	20020423	BR 200013275	A	20000630	200235	
			WO 2000EP6100	A	20000630		
EP 1205069	A1	20020515	EP 2000945852	A	20000630	200239	
			WO 2000EP6100	A	20000630		
CZ 200200462	A3	20020612	WO 2000EP6100	A	20000630	200251	
			CZ 2002462	A	20000630		
KR 2002022096	A	20020323	KR 2002701662	A	20020207	200264	
CN 1361989	A	20020731	CN 2000810445	A	20000630	200279	
JP 2003507941	W	20030225	WO 2000EP6100	A	20000630	200317	
			JP 2001517797	A	20000630		
ZA 200200126	A	20030326	ZA 2002126	A	20020107	200327	
TW 496089	A	20020721	TW 2000115746	A	20000804	200329	
EP 1205069	B1	20030917	EP 2000945852	A	20000630	200369	
			WO 2000EP6100	A	20000630		
DE 60005372	E	20031023	DE 5372	A	20000630	200377	
			EP 2000945852	A	20000630		
			WO 2000EP6100	A	20000630		
AU 769682	B	20040129	AU 200059804	A	20000630	200412	
ES 2206272	T3	20040516	EP 2000945852	A	20000630	200434	
MX 2002000212	A1	20030801	WO 2000EP6100	A	20000630	200464	
			MX 2002212	A	20020108		
MX 226130	B	20050207	WO 2000EP6100	A	20000630	200565	
			MX 2002212	A	20020108		

Priority Applications (No Type Date): CH 991480 A 19990813

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200113633	A1	F 23	H04N-007/16	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW				
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW				
AU 200059804	A			Based on patent WO 200113633
BR 200013275	A		H04N-007/16	Based on patent WO 200113633
EP 1205069	A1	F	H04N-007/16	Based on patent WO 200113633
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
CZ 200200462	A3		H04N-007/16	Based on patent WO 200113633
KR 2002022096	A		H04N-007/16	
CN 1361989	A		H04N-007/16	
JP 2003507941	W	20	H04N-007/173	Based on patent WO 200113633
ZA 200200126	A	26	H04N-000/00	
TW 496089	A		H04N-007/16	
EP 1205069	B1	F	H04N-007/16	Based on patent WO 200113633
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
DE 60005372	E		H04N-007/16	Based on patent EP 1205069
				Based on patent WO 200113633
AU 769682	B		H04N-007/16	Previous Publ. patent AU 200059804
				Based on patent WO 200113633
ES 2206272	T3		H04N-007/16	Based on patent EP 1205069
MX 2002000212	A1		H04N-007/16	Based on patent WO 200113633
MX 226130	B		H04N-007/16	Based on patent WO 200113633

**Pay TV selected digital word television programme display system
having selection criteria sampler decoder receiver memory stored and user**

applied setting filtered TV display grid .

Abstract (Basic):

... The pay **television** sampling process has a **display grid** of **TV** programmes transmitted by a processing centre to televisions with video text decoders. An input index...

...to that required by the user, the filtering is applied and is displayed as a **programme grid** .

... Method of filtering digital words for display in a pay **TV** system...

...Provides a better solution for pay **television** viewers who wish to sample programmes before viewing using a remote control...

...Title Terms: **TELEVISION** ;

21/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014029813 **Image available**

WPI Acc No: 2001-514027/200156

XRPX Acc No: N01-380816

Pay television impulse payment selection having electronic message digital stream with subscriber information activating security module and setting up TV programme selection display grid .

Patent Assignee: NAGRAVISION SA (NAGR-N)

Inventor: KUDELSKI A; LAFFELY L; SASSELLI M; STRANSKY P

Number of Countries: 091 Number of Patents: 019

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200105151	A1	20010118	WO 2000IB913	A	20000706	200156	B
AU 200054207	A	20010130	AU 200054207	A	20000706	200156	
NO 200200076	A	20020129	WO 2000IB913	A	20000706	200227	
			NO 200276	A	20020108		
BR 200012336	A	20020319	BR 200012336	A	20000706	200228	
			WO 2000IB913	A	20000706		
CZ 200104699	A3	20020417	WO 2000IB913	A	20000706	200231	
			CZ 20014699	A	20000706		
EP 1197081	A1	20020417	EP 2000938993	A	20000706	200233	
			WO 2000IB913	A	20000706		
KR 2002026524	A	20020410	KR 2002700151	A	20020107	200267	
HU 200201764	B	20020930	WO 2000IB913	A	20000706	200272	
			HU 20021764	A	20000706		
SK 200200029	A3	20021008	WO 2000IB913	A	20000706	200276	
			SK 200229	A	20000706		
CN 1358391	A	20020710	CN 2000809633	A	20000706	200278	
JP 2003504975	W	20030204	WO 2000IB913	A	20000706	200320	
			JP 2001510239	A	20000706		
NZ 516842	A	20030627	NZ 516842	A	20000706	200348	
			WO 2000IB913	A	20000706		
ZA 200200116	A	20030625	ZA 2002116	A	20020107	200348	
EP 1197081	B1	20030903	EP 2000938993	A	20000706	200360	
			WO 2000IB913	A	20000706		
DE 60005021	E	20031009	DE 5021	A	20000706	200374	
			EP 2000938993	A	20000706		
			WO 2000IB913	A	20000706		
AU 769601	B	20040129	AU 200054207	A	20000706	200412	
ES 2204623	T3	20040501	EP 2000938993	A	20000706	200431	

HU 223724	B1	20041228	WO 2000IB913	A	20000706	200506
			HU 20021764	A	20000706	
MX 2002000208	A1	20040801	WO 2000IB913	A	20000706	200548
			MX 2002208	A	20020108	

Priority Applications (No Type Date): CH 991269 A 19990709

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200105151	A1	F	14	H04N-007/16	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW					
AU 200054207	A			H04N-007/16	Based on patent WO 200105151
NO 200200076	A			H04N-000/00	
BR 200012336	A			H04N-007/16	Based on patent WO 200105151
CZ 200104699	A3			H04N-007/16	Based on patent WO 200105151
EP 1197081	A1	F		H04N-007/16	Based on patent WO 200105151
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
KR 2002026524	A			H04N-007/16	
HU 200201764	B			H04N-007/16	Based on patent WO 200105151
SK 200200029	A3			H04N-007/16	Based on patent WO 200105151
CN 1358391	A			H04N-007/16	
JP 2003504975	W		14	H04N-007/16	Based on patent WO 200105151
NZ 516842	A			H04N-007/16	Based on patent WO 200105151
ZA 200200116	A		20	H04N-000/00	
EP 1197081	B1	F		H04N-007/16	Based on patent WO 200105151
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
DE 60005021	E			H04N-007/16	Based on patent EP 1197081 Based on patent WO 200105151
AU 769601	B			H04N-007/16	Previous Publ. patent AU 200054207 Based on patent WO 200105151
ES 2204623	T3			H04N-007/16	Based on patent EP 1197081
HU 223724	B1			H04N-007/16	Based on patent WO 200105151
MX 2002000208	A1			H04N-007/16	Based on patent WO 200105151

Pay television impulse payment selection having electronic message digital stream with subscriber information activating security module and setting up TV programme selection display grid .

Abstract (Basic):

... The impulse payment selection and validation technique has a user **display** with a **programme grid** , and the selection by a user of a programme. The choice is selected by an...
 ...exchange, with subscriber information (MSg) activating a security module and allowing the setting of the **TV display grid** with a second message.

... Impulse purchase system for pay **television** .

...Title Terms: **TELEVISION** ;

21/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

013371150 **Image available**

WPI Acc No: 2000-543089/200049

XRPX Acc No: N00-401777

Electronic program guide grid display scheduling for television , involves sending program schedule data associated with default channels for display along with said channels in order using list of channel groups

Patent Assignee: INDEX SYSTEMS INC (INDE-N)

Inventor: DIAS S; HANCOCK K S; MACRAE D B; RALLIS J A; SCHOAFF P C; WHITEHEAD W

Number of Countries: 091 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200040017	A1	20000706	WO 99US31133	A	19991228	200049 B
AU 200022200	A	20000731	AU 200022200	A	19991228	200050
EP 1147661	A1	20011024	EP 99966706	A	19991228	200171
			WO 99US31133	A	19991228	
CN 1335018	A	20020206	CN 99816097	A	19991228	200231
JP 2002534858	W	20021015	WO 99US31133	A	19991228	200282
			JP 2000591797	A	19991228	

Priority Applications (No Type Date): US 98113967 P 19981228

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200040017 A1 E 27 H04N-005/445

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200022200 A H04N-005/445 Based on patent WO 200040017

EP 1147661 A1 E H04N-005/445 Based on patent WO 200040017

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

CN 1335018 A H04N-005/445

JP 2002534858 W 34 H04N-005/445 Based on patent WO 200040017

Electronic program guide grid display scheduling for television , involves sending program schedule data associated with default channels for display along with said channels in order using list

...

Abstract (Basic):

... A list of default individual channels for display on EPG grid , and list of channel groups indicative of display order are transmitted to television apparatus. Program schedule information related to default individual channel is transmitted for display along with said channels in...

... The program schedule information includes detailed program descriptions of program telecast by default individual channels. An INDEPENDENT CLAIM is also included for EPG grid display schedule system...

...For television apparatus...

...The figure shows EPG screen and of television schedule system...

...Title Terms: TELEVISION ;

21/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

010691744 **Image available**
WPI Acc No: 1996-188700/199619
XRPX Acc No: N96-157794

**Generation system for information display schedule for electronic
program guide - using data processor in playback system to receive and
store television program schedule data which is output at certain
frequency in desired time interval**

Patent Assignee: NEWS AMERICA PUBLICATIONS INC (NEWS-N); TELECOM COLORADO
INC (TELE-N); TV GUIDE ON SCREEN (TVGU-N); TELECOM COLORADO (TELE-N);
UNITED VIDEO PROPERTIES INC (UNVI-N); DAVIS B (DAVI-I); GUTMAN J (GUTM-I)
; HEYDT M (HEYD-I); MILLER L (MILL-I)

Inventor: DAVIS B; GUTMAN J; HEYDT M; MILLER L; ALTEN J; MORRIS M; THOMAS W
L; YOUMAN R

Number of Countries: 024 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9609721	A1	19960328	WO 95US12100	A	19950922	199619	B
AU 9536818	A	19960409	AU 9536818	A	19950922	199629	
US 5559548	A	19960924	US 94247059	A	19940520	199644	
			US 94311475	A	19940923		
US 5635978	A	19970603	US 94247059	A	19940520	199728	N
EP 782806	A1	19970709	EP 95934500	A	19950922	199732	
			WO 95US12100	A	19950922		
BR 9509033	A	19971028	BR 959033	A	19950922	199750	
			WO 95US12100	A	19950922		
AU 691347	B	19980514	AU 9536818	A	19950922	199831	
JP 10506248	W	19980616	WO 95US12100	A	19950922	199834	
			JP 96511101	A	19950922		
MX 9702130	A1	19980401	MX 972130	A	19970320	200004	
CA 2200348	C	20010102	CA 2200348	A	19950922	200104	
			WO 95US12100	A	19950922		

Priority Applications (No Type Date): US 94311475 A 19940923; US 94247059 A
19940520

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9609721	A1	E	67	H04N-007/025	
Designated States (National): AU BR CA JP MX SG					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
AU 9536818	A			H04N-007/025	Based on patent WO 9609721
US 5559548	A		36	H04N-007/10	CIP of application US 94247059
US 5635978	A		32	H04N-007/10	
EP 782806	A1	E	67	H04N-007/025	Based on patent WO 9609721
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE					
BR 9509033	A			H04N-007/025	Based on patent WO 9609721
AU 691347	B			H04N-007/025	Previous Publ. patent AU 9536818
					Based on patent WO 9609721
JP 10506248	W		100	H04N-007/025	Based on patent WO 9609721
MX 9702130	A1			H04N-007/025	
CA 2200348	C	E		H04N-007/025	Based on patent WO 9609721

**Generation system for information display schedule for electronic
program guide - ...**

**...using data processor in playback system to receive and store
television program schedule data which is output at certain**

frequency in desired time interval

...Abstract (Basic): In the system for generating an **electronic programme guide** for transmission on a **television channel**, the method for creating a schedule for display of information involves providing database items...

...Abstract (Equivalent): A system for providing an **electronic television programming guide** on a **television channel** comprising ...

...means for receiving **television program schedule** information for a plurality of **television programs**...

...a multimedia generator for receiving said **television program schedule** information and said control commands from said data processing means and generating, in response to said control commands, a first viewable display comprising a portion of said **television program schedule** information in **grid** format, said viewable display comprising program titles for a first plurality of **television channels** and a plurality of time slots...

...and a second viewable display comprising a portion of said **television program schedule** information in grid format, said second viewable display comprising program titles for a second plurality of **television channels** and said plurality of time slots...

...said data processing means causes said multimedia generator to fade out said first plurality of **television channels** and associated titles and fade in said second plurality of **television channels** and associated titles...

...A system for providing an **electronic television programming guide** on a **television channel** comprising...

...means for receiving **television program schedule** information for a plurality of **television programs**, said **program schedule** information comprising **program title** information, said **program title** information comprising abbreviated titles and complete titles...

...a multimedia generator for receiving said **program schedule** information and said control commands from said data processing means and generating, in response to said control commands, viewable displays of **television program schedule** information in a grid comprising grid cells, said grid cells comprising program title information, wherein said multimedia generator generates a first viewable display of **television program schedule** information for a first plurality of **television channels** and a plurality of time slots, and a second viewable display of **television program schedule** information for a second plurality of **television channels** and said plurality of time slots, said second plurality of **television channels** differing from said first plurality of **television channels**...

...by said data processing means from said program title information in accordance with the available **display space** in said **grid cells**...

...In a system for providing an **electronic program guide** for transmission on a **television channel**, a method for generating a schedule for display of information, said method comprising the...

...Title Terms: **TELEVISION** ;

25/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

07824964 **Image available**
INTERACTIVE PROGRAM GUIDE SYSTEM AND PROCESS

PUB. NO.: 2003-319276 [JP 2003319276 A]
PUBLISHED: November 07, 2003 (20031107)
INVENTOR(s): LEMMONS THOMAS R
ALLISON DONALD W
HENSHAW JERRY D
MARSHALL CONNIE T
APPLICANT(s): PREVUE INTERNATL INC
APPL. NO.: 2003-103066 [JP 2003103066]
Division of 08-530518 [JP 96530518]
FILED: April 05, 1996 (19960405)
PRIORITY: 95 419077 [US 95419077], US (United States of America), April
06, 1995 (19950406)

ABSTRACT

... for the current day and at least six subsequent days is stored in a memory **within the set - top box**. The **interactive program guide** provides a display mode for allowing the viewer to apply a restrictive search selection criterion...

25/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016672074 **Image available**
WPI Acc No: 2004-830794/200482
XRPX Acc No: N04-656231

Method for managing television program information in entertainment system, involves delivering entertainment data with identifier stored at primary/secondary location relating to entertainment selection, using graphical user interface

Patent Assignee: INTEL CORP (ITLC)
Inventor: IKI J M; LANE K; SHAH-NAZAROFF A A; WILLIAMS C D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6816172	B1	20041109	US 97939185	A	19970929	200482 B

Priority Applications (No Type Date): US 97939185 A 19970929
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 6816172 B1 14 G06F-003/00

Abstract (Basic):

... using graphical user interface (GUI). The program data is presented to user at entertainment system **within television programming guide**.

27/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

06343338 **Image available**
TELEVISION RECEIVER

PUB. NO.: 11-284942 [JP 11284942 A]
PUBLISHED: October 15, 1999 (19991015)
INVENTOR(s): SUGIHARA HIROMI
APPLICANT(s): TOSHIBA CORP
APPL. NO.: 10-084207 [JP 9884207]
FILED: March 30, 1998 (19980330)

ABSTRACT

...present time is calculated by a micro computer for digital television 35 based on broadcasting **start time** and termination **time** for respective **programs** of a **program guide** contained in digital **television** broadcasting. The difference time data is subtracted by a microcomputer for analog television 42. When...

29/3,K/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011880145 **Image available**
WPI Acc No: 1998-297055/199826
XRPX Acc No: N98-232399

Interactive TV system with provision for calling VOD using electronic programming guide - includes head end server for providing past, current and preview of future programs to set-top box, based on title of program chosen from electronic programming guide

Patent Assignee: MICROSOFT CORP (MICR-N)
Inventor: GIRARD M; LAWLER F; MATTHEWS J H; ROWE K
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5751282	A	19980512	US 95490064	A	19950613	199826 B

Priority Applications (No Type Date): US 95490064 A 19950613

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 5751282 A 14 G06F-003/00

...Abstract (Basic): set-top box configured to control the programmes to be displayed on a TV. The **set - top box** also provides an **electronic programming guide** to be displayed on the TV. The guide provides an on-screen listing of various programme titles corresponding to scheduled viewing **times** . A head- **end** server (22) is operatively coupled to provide past and current programmes to the set-top...

34/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

05716685 **Image available**
PROGRAM GUIDE DISPLAY CONTROLLER AND TELEVISION RECEIVER

PUB. NO.: 09-331485 [JP 9331485 A]
PUBLISHED: December 22, 1997 (19971222)
INVENTOR(s): OTSUKI MASAKO
APPLICANT(s): SANYO ELECTRIC CO LTD [000188] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 08-152228 [JP 96152228]
FILED: June 13, 1996 (19960613)

PROGRAM GUIDE DISPLAY CONTROLLER AND TELEVISION RECEIVER

INTL CLASS: H04N-005/445 ; G09G-005/00; G09G-005/08; H04N-007/16

ABSTRACT

PROBLEM TO BE SOLVED: To attain the avoidance of selection without the recognition of **lapse** of **time** after the broadcasting start of a PPV (pay per view) program by displaying a mark...

... area of a display screen, and program guide picture generating processing is finished. Thus, the **lapse** of **time** from the start of current broadcasting program can be recognized, and the PPV program can be prevented from being selected and viewed without recognizing the **lapse** of **time** from the start of this program.

34/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

05683931 **Image available**
PROGRAM GUIDE DISPLAY CONTROLLER AND TELEVISION RECEIVER

PUB. NO.: 09-298731 [JP 9298731 A]
PUBLISHED: November 18, 1997 (19971118)
INVENTOR(s): YAMASHITA AKIHIKO
OTSUKI MASAKO
APPLICANT(s): SANYO ELECTRIC CO LTD [000188] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 08-109017 [JP 96109017]
FILED: April 30, 1996 (19960430)

PROGRAM GUIDE DISPLAY CONTROLLER AND TELEVISION RECEIVER

INTL CLASS: H04N-007/16

ABSTRACT

... channel and the lateral direction shows the time, and using a channel number and a **slot** number showing the **time**. When program guide display is selected by an operating part 5, the CPU 6 generates...

34/3,K/3 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013098106 **Image available**
WPI Acc No: 2000-269978/200023
XRPX Acc No: N00-202125

Television system with graphical user interface for providing user access to preset time periods of TV program information, in user selects from menu of time options representing pre-selected time periods of TV programming

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU)
Inventor: BLONSTEIN S; CHANEY J; DEACON M; KHAUV K
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6037933	A	20000314	US 96749270	A	19961113	200023 B

Priority Applications (No Type Date): US 96749270 A 19961113

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6037933	A		20	G06F-009/00	

Abstract (Basic):

... A TV **graphical user interface** displays a **program guide** that contains information on TV programming for a time period of predetermined duration.

... A program guide has a **time scroll bar** that enables a user to scroll a **TV program schedule** back and forward in time within a selected time period. The GUI can be switched...

...interface for enabling users to preset time intervals for displaying TV program information in a **TV program guide** .

International Patent Class (Additional): **H04N-007/16**

34/3,K/4 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

010769430 **Image available**
WPI Acc No: 1996-266384/199627

Electronic program guide - has one facility to show in screen all programs currently broadcast on all channels with graphical representation of how long since each program started and how much longer to go

Patent Assignee: ANONYMOUS (ANON)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RD 385007	A	19960510	RD 96385007	A	19960420	199627 B

Priority Applications (No Type Date): RD 96385007 A 19960420

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
RD 385007	A		1	H04N-000/00	

...Abstract (Basic): The **electronic program guide (EPG)** directs TV viewers in an efficient manner to the TV programs broadcasting on different channels. One of...

...see at a glance how far a program has already progressed. The receiver determines the **time lapse** of each program (current time minus start

time of the program), computes the corresp. portion...
International Patent Class (Main): H04N-000/00

37/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014593503 **Image available**
WPI Acc No: 2002-414207/200244
XRPX Acc No: N02-325632

Television system generates indication when predetermined criteria is
detected on program/channel information relating to user selected
program/channel

Patent Assignee: PACE MICRO TECHNOLOGY PLC (PACE-N)

Inventor: MOIR M

Number of Countries: 027 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020029383	A1	20020307	US 2001944527	A	20010831	200244 B
EP 1187469	A2	20020313	EP 2001120971	A	20010831	200244

Priority Applications (No Type Date): GB 200021549 A 20000902

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20020029383	A1		4	G06F-003/00	
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EP 1187469	A2	E		H04N-005/445	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

Inventor: MOIR M

Abstract (Basic):

... Television system incorporating an electronic program
guide .

File 348:EUROPEAN PATENTS 1978-2005/Oct W03

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20051020,UT=20051013

(c) 2005 WIPO/Univentio

Set	Items	Description
S1	92593	TV OR TELEVISION OR WEBTV OR IPTV OR (WEB OR INTERNET OR I-P) () (TV OR TELEVISION)
S2	178909	STB OR SET()TOP()BOX OR SETTOP()BOX OR RECEIVER?? OR GRAPHIC?()USER()INTERFACE?? OR GUI OR VOD OR VIDEO()ON()DEMAND OR STT OR SET()TOP()TERMINAL?? OR (CATV OR SUBSCRIBER OR CABLE) (-3N) (BOX OR CONVERTER)
S3	5340	(PROGRAM? OR MOVIE?? OR SHOW?? OR SPORT?? OR APG OR IPG OR EPG OR ADVANCED OR ELECTRONIC OR INTERACTIVE) (3N) (PROGRAM?() (-GUIDE?? OR MENU?? OR LIST?? OR SCHEDULE?? OR GRID??))
S4	135	(DISPLAY(3N)GRID??) (2N)S3
S5	116910	(START OR BEGIN? OR SHOW?) (3N) (TIME?? OR TIME??() (SLOT?? OR PERIOD?? OR INTERVAL??))
S6	57374	(STOP?? OR FINISH??? OR END???) (3N) (TIME?? OR TIME??() (SLOT?? OR PERIOD?? OR INTERVAL??))
S7	23693	(BEYOND OR EXTEND?? OR BEFORE OR AFTER OR BETWEEN OR AFT OR PRIOR OR SUBSEQUENT OR WITHIN OR OUTSIDE) (3N) (S3:S6)
S8	39	AU=(MOIR, M? OR MOIR M?)
S9	46590	TIME(3N) (LAPSE OR REMAINING OR SLOT?? OR BAR??)
S10	3126	(DISPLAY? OR INDICAT? OR ARROW(3N)ICON?? OR GLYPH?? OR FONT?? OR GRAPHIC? OR GRAPHIX OR PICTOGRAM?? OR PICTOGRAPH?? OR SYMBOL??) (3N) (S7 OR AMOUNT(3N)TIME??)
S11	19921	S1(20N)S2
S12	537	S11(3N) (S3 OR S4 OR S7)
S13	1	S12(3N)S9
S14	2	S12(3N)S10
S15	2	S14 NOT S13
S16	13	S12(30N)S5
S17	11	S16 NOT (S13:S15)
S18	7	S17 NOT AD=20000122:20051027/PR
S19	572	S3(3N) (S7 OR S10)
S20	4	S19(3N)S9
S21	4	S20 NOT (S13:S16)
S22	4	S21 NOT AD=20000122:20051027/PR
S23	0	(S19 AND S12) AND S8
S24	198	S19 AND S12
S25	142	S24 NOT AD=20000122:20051027/PR
S26	141	S25 NOT (S13:S15)
S27	140	S26 AND IC=H04N?
S28	24	S27(30N)S9
S29	24	IDPAT (sorted in duplicate/non-duplicate order)
S30	21	IDPAT (primary/non-duplicate records only)

13/3,K/1 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00522103 **Image available**

METHOD OF PRODUCING ALARM SIGNALS

PROCEDE DE PRODUCTION DE SIGNAUX D'ALARME

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V,
PHILIPS AB,

Inventor(s):

EGGEN Josephus H,
VAN DE SLUIS Bartel M,
RIJPKEMA Jouke A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9953455 A1 19991021

Application: WO 99IB539 19990329 (PCT/WO IB9900539)

Priority Application: EP 98201122 19980408

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 2260

Fulltext Availability:

Detailed Description

Detailed Description

... of high frequencies in the auditive signal.

The invention has been found particularly useful in **television receivers** . Modern **television receivers** , particularly **television receivers** having provisions to receive an **Electronic Program Guide** , can be **programmed** to alert the viewer when a desired **television** program is about to start. In accordance with the invention, such a **receiver** produces an auditive signal indicating the **time** to **lapse** until the desired **television** program begins. For example, a first signal being perceived as 'far away' is produced 15...

15/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01966026

Television receiver and method of controlling display thereof
Fernsehempfänger und Verfahren zur Steuerung dessen Bildschirm
Recepteur de television et procede de controle de son ecran

PATENT ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA, (4340200), 1-1, Shibaura 1-chome Minato-ku,
Tokyo 105-8001, (JP), (Applicant designated States: all)

INVENTOR:

Kamise, Shigero c/o Toshiba Corporation, Intellectual Prop. Division 1-1,
Shibaura 1-chome, Minato-ku Tokyo 105-8001, (JP)
Ishibashi, Akihiko c/o Toshiba Corporation, Intellectual Prop. Division
1-1, Shibaura 1-chome, Minato-ku Tokyo, (JP)

LEGAL REPRESENTATIVE:

Henkel, Feiler & Hanzel (100401), Mohlstrasse 37, 81675 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1585323 A1 051012 (Basic)

APPLICATION (CC, No, Date): EP 2005102520 050330;

PRIORITY (CC, No, Date): JP 2004108086 040331

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;

HU; IE; IS; IT; LI; LT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; BA; HR; LV; MK; YU

INTERNATIONAL PATENT CLASS: H04N-005/63; H04N-005/44

ABSTRACT WORD COUNT: 147

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200541	1152
SPEC A	(English)	200541	6593
Total word count - document A			7745
Total word count - document B			0
Total word count - documents A + B			7745

...SPECIFICATION conventional television receivers each including the LCD panel, if the user accidentally turns off the **receiver**, it takes considerable **time** to **start** video **display** **after** the user again turns on the **receiver**. The conventional **television receivers** each including the LCD panel need to be improved in usability.

BRIEF SUMMARY OF THE...

15/3,K/2 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00432627 **Image available**

TRANSMISSION AND RECEPTION OF TELEVISION PROGRAMS AND AN ADDITIONAL DATA
SERVICE

EMISSION ET RECEPTION DE PROGRAMMES DE TELEVISION ET SERVICE AUXILIAIRE DE
TRANSMISSION DE DONNEES

Patent Applicant/Assignee:

PHILIPS ELECTRONICS N V,

PHILIPS NORDEN AB,

Inventor(s):

KAARS Peter Bernhard,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9823091 A2 19980528
Application: WO 97IB1370 19971103 (PCT/WO IB9701370)
Priority Application: WO 97IB1370 19971103
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AU BR CA CN JP KR AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 2620
Fulltext Availability:
Detailed Description

English Abstract

...television programs via a plurality of channels, and an additional data service, for example, an **Electronic Program Guide**, via a selected **television** channel. While processing and **displaying** the **program guide**, **prior art television receivers** cannot continue the reproduction of a currently received **TV** program because the program is generally transmitted via a different channel. The invention provides a...

Detailed Description

... television programs via a plurality of channels, and an additional data service, for example, an **Electronic Program Guide**, via a selected **television** channel. While processing and **displaying** the **program guide**, **prior art television receivers** cannot continue the reproduction of a currently received **TV** program because the program is generally transmitted via a different channel. The invention provides a...

18/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01529435

Program guide system with video-on-demand browsing
Programmfuhrersystem mit Video-auf-Anfrage Navigation
Systeme de guide de programmes avec visualisation de titres de filmes
PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Applicant designated States: all)

INVENTOR:

Ellis, Michael D., 1300 Kingwood Place, Boulder, Colorado 80304, (US)

LEGAL REPRESENTATIVE:

Reeve, Anna Elizabeth et al (80792), Kilburn & Strode, 20 Red Lion Street
, London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1276321 A1 030115 (Basic)

APPLICATION (CC, No, Date): EP 2002078919 990518;

PRIORITY (CC, No, Date): US 262870 990304; US 86046 P 980519

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 1080581 (EP 99924339)

INTERNATIONAL PATENT CLASS: H04N-007/173

ABSTRACT WORD COUNT: 69

NOTE:

Figure number on first page: 6B

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200303	426
SPEC A	(English)	200303	6098
Total word count - document A			6524
Total word count - document B			0
Total word count - documents A + B			6524

...SPECIFICATION A1

Background of the Invention

This invention relates to **interactive** television program guides, and more particularly, to **television program guides** that allow viewers to browse **video - on - demand** programs. A **television program** and a **program guide** display containing information for **video - on - demand** programs may be simultaneously displayed on a display screen.

Throughout the history of **television**, broadcasting networks have been striving to provide television viewers with interesting programming **shown** at convenient viewing **times**. This has proven to be a difficult task given the vast diversity of the television...

18/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01111979

PROGRAM GUIDE SYSTEM WITH VIDEO-ON-DEMAND BROWSING
PROGRAMMFUHRERSYSTEM MIT VIDEO-AUF-ANFRAGE NAVIGATION
SYSTEME DE GUIDE DE PROGRAMMES AVEC VISUALISATION DE TITRES DE FILMS VIDEO
A LA CARTE

PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Proprietor designated states: all)

INVENTOR:

ELLIS, Michael, D., 1300 Kingwood Place, Boulder, CO 80304, (US)

LEGAL REPRESENTATIVE:

Hale, Peter et al (60281), Kilburn & Strode 20 Red Lion Street, London
WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1080581 A1 010307 (Basic)
EP 1080581 B1 030326
WO 99060790 991125

APPLICATION (CC, No, Date): EP 99924339 990518; WO 99US11015 990518

PRIORITY (CC, No, Date): US 86046 P 980519; US 262870 990304

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1276321 (EP 2002078919)

INTERNATIONAL PATENT CLASS: H04N-007/173

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200313	1799
CLAIMS B	(German)	200313	1684
CLAIMS B	(French)	200313	2266
SPEC B	(English)	200313	6069
Total word count - document A			0
Total word count - document B			11818
Total word count - documents A + B			11818

...SPECIFICATION B1

Background of the Invention

This invention relates to **interactive** television program guides, and more particularly, to **television program guides** that allow viewers to browse **video - on - demand** programs. A **television program** and a **program guide** display containing information for **video - on - demand** programs may be simultaneously displayed on a display screen.

Throughout the history of **television**, broadcasting networks have been striving to provide television viewers with interesting programming **shown** at convenient viewing **times**. This has proven to be a difficult task given the vast diversity of the television...

...CLAIMS 14 wherein the ordering means further comprises means for allowing the viewer to set a **start - time** for the **video - on - demand** program.

18. The **interactive television program guide** system defined in claim 14 wherein the ordering means further comprises means for requiring the...

...order for a video-on-demand program;

means for allowing the viewer to select a **start - time** for an ordered video-on-demand program ; and

means for automatically starting the ordered **video - on - demand** program at the viewer selected **start - time**.

20. The **interactive television program guide** system defined in claim 19 wherein the system further comprises means for reminding the viewer of the **start - time** for the ordered program.

21. The interactive television program guide system defined in claim 19

wherein the system further comprises:
 means for reminding the viewer of the **start** -time for the ordered
 video-on-demand program; and
 means for providing the viewer with...
 ...the ordered video-on-demand program at the selected start-time.
 23. The interactive television **program guide** system defined in claim
 19 wherein the system further comprises:
 means for reminding the viewer of the **start - time** for the ordered
 program; and
 means for providing the viewer with an option to select a new **start -**
time for the ordered **video - on - demand** program.
 24. The **interactive television program guide** system defined in
 claim 19 wherein the system further comprises:
 means for reminding the viewer of the **start - time** for the ordered
 program; and
 means for providing the viewer with an option to select...

18/3,K/3 (Item 3 from file: 348)
 DIALOG(R) File 348:EUROPEAN PATENTS
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01072994

PROGRAM SELECTING DEVICE AND PROGRAM SELECTING METHOD
PROGRAMMAUSWAHLVORRICHTUNG UND -VERFAHREN
DISPOSITIF ET METHODE DE SELECTION D'EMISSIONS

PATENT ASSIGNEE:

Matsushita Electric Industrial Co., Ltd., (1855508), 1006, Oaza-Kadoma,
 Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)

INVENTOR:

OKABE, Koji, R. 811, C/h. Ney.2bankan, 13-1 Kuzuharashinmachi,
 Neyagawa-shi, Osaka 572-0037, (JP)

LEGAL REPRESENTATIVE:

Lang, Johannes, Dipl.-Ing. (86392), Bardehle Pagenberg Dost Altenburg
 Geissler Isenbruck, Postfach 86 06 20, 81633 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1056283 A1 001129 (Basic)
 WO 9937090 990722

APPLICATION (CC, No, Date): EP 99900313 990114; WO 99JP104 990114

PRIORITY (CC, No, Date): JP 986665 980116

DESIGNATED STATES: DE; ES; FR; GB; SE

INTERNATIONAL PATENT CLASS: H04N-005/445; H04N-005/44; H04N-007/08

ABSTRACT WORD COUNT: 111

NOTE:

Figure number on first page: 001

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200048	701
SPEC A	(English)	200048	8800
Total word count - document A			9501
Total word count - document B			0
Total word count - documents A + B			9501

...CLAIMS for specifying said watching time as a current time, and
 changes, according to a broadcast **start time** for every program
 included in said EPG information, said time specifying information
 from said current time to said watching time.

6. A **television receiver** utilizing an **EPG** (Electrical **Program**
Guide) comprising:

means for extracting EPG information from a video signal;
means for storing said EPG...

18/3,K/4 (Item 4 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00901652

PROGRAM GUIDE DISPLAY CONTROLLER AND TELEVISION RECEIVER

STEUERUNG FUR PROGRAMMUBERSICHTSANZEIGE UND FERNSEHEMPFANGER

**DISPOSITIF DE COMMANDE D'AFFICHAGE D'UN PROGRAMME D'EMISSIONS ET RECEPTEUR
DE TELEVISION**

PATENT ASSIGNEE:

SANYO ELECTRIC Co., Ltd., (238922), 5-5, Keihanhondori 2-chome,
Moriguchi-shi, Osaka 570, (JP), (Proprietor designated states: all)

INVENTOR:

YAMASHITA, Akihiko, 10-15, Himomine 1-chome, Kita-ku, Kobe-shi, Hyogo
651-12, (JP)

WAKISAKA, Masako, 3-1-2-1015, Kamishinjyo, Higashiyodogawa-ku, Osaka-shi,
Osaka 533, (JP)

TSUNODA, Hiroshi, 7-9, Nakamachi, Kadoma-shi, Osaka 571, (JP)

LEGAL REPRESENTATIVE:

Glawe, Delfs, Moll & Partner (100692), Patentanwalte Postfach 26 01 62,
80058 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 897242 A1 990217 (Basic)
EP 897242 B1 050323
WO 1997041689 971106

APPLICATION (CC, No, Date): EP 97919726 970425; WO 97JP1483 970425

PRIORITY (CC, No, Date): JP 96109017 960430; JP 96147034 960610; JP
96152228 960613

DESIGNATED STATES: DE; ES; FR; GB

INTERNATIONAL PATENT CLASS: H04N-005/445; H04N-007/16

ABSTRACT WORD COUNT: 94

NOTE:

Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199907	626
CLAIMS B	(English)	200512	425
CLAIMS B	(German)	200512	396
CLAIMS B	(French)	200512	538
SPEC A	(English)	199907	9293
SPEC B	(English)	200512	9210
Total word count - document A			9921
Total word count - document B			10569
Total word count - documents A + B			20490

...SPECIFICATION the United States. In the following the term "time zone"
is also used instead of " **time period** ".

Fig. 1 shows a configuration of a user-side terminal. A combination
of a **television receiver** and a **program - guide** -display controlling
apparatus, or a **television receiver** incorporating a **program - guide**
-display controlling circuit is used as the user-side terminal. The
user-side terminal has...

18/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS
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00295554

Television receiver having a memorandum function.

Fernsehempfänger mit einem Speicher.

Recepteur de television a dispositif de memoire.

PATENT ASSIGNEE:

SANYO ELECTRIC CO., LTD., (238920), 18, Keihanhondori 2-chome,
Moriguchi-shi Osaka-fu, (JP), (applicant designated states:
DE;ES;FR;GB)

INVENTOR:

Ishii, Takaaki, No. 102 Muranaka-haitsu 3-55-1 Akai, Daito-shi Osaka-fu,
(JP)

Asao, Motoaki, No. 405 Kawamasa-kopo 5-2-15 Zenkonji-cho,
Higashiosaka-shi Osaka-fu, (JP)

Matsumoto, Kiyoshi, No. 103 Kopiasu-koyama 4-8-31 Fujisawadai,
Tondabayashi-shi Osaka-fu, (JP)

LEGAL REPRESENTATIVE:

Glawe, Delfs, Moll & Partner Patentanwalte (100692), Postfach 26 01 62
Liebherrstrasse 20, W-8000 Munchen 26, (DE)

PATENT (CC, No, Kind, Date): EP 301488 A2 890201 (Basic)

EP 301488 A3 890628

EP 301488 B1 930107

APPLICATION (CC, No, Date): EP 88112066 880726;

PRIORITY (CC, No, Date): JP 87189503 870728; JP 87191956 870730; JP
87194048 870803; JP 87196122 870805; JP 87206777 870820; JP 87244609
870908; JP 87235429 870918

DESIGNATED STATES: DE; ES; FR; GB

INTERNATIONAL PATENT CLASS: H04N-005/44; H04N-005/445; H04N-005/45;

ABSTRACT WORD COUNT: 126

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	2082
CLAIMS B	(German)	EPBBF1	1110
CLAIMS B	(French)	EPBBF1	1467
SPEC B	(English)	EPBBF1	15224
Total word count - document A			0
Total word count - document B			19883
Total word count - documents A + B			19883

...SPECIFICATION memory.

Fig. 8 is a waveform diagram showing a row address generating operation
in a **field** memory.

Fig. 9 illustrates a picture-in-picture function in a conventional
digital television receiver...

...shown in Fig. 11.

Figs. 14A and 14B are flowcharts showing operation of the digital
television receiver of the embodiment of Fig. 11.

Fig. 15 is a waveform **diagram** of control signals for storage and
reproduction of image information in the digital **television receiver**
of the **embodiment** of Fig. 11.

Figs. 16A and 16B illustrate examples of display on **the television**
screen at the time of reproduction of a still image in the **television**
receiver of the above mentioned embodiment.

Figs. 17 to 19 each **show a relation between** a control signal
and a display on a television screen at the time of reproduction...

18/3,K/6 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00529438 **Image available**

PROGRAM GUIDE SYSTEM WITH VIDEO-ON-DEMAND BROWSING
SYSTEME DE GUIDE DE PROGRAMMES AVEC VISUALISATION DE TITRES DE FILMS VIDEO
A LA CARTE

Patent Applicant/Assignee:

UNITED VIDEO PROPERTIES INC,

Inventor(s):

ELLIS Michael D,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9960790 A1 19991125

Application: WO 99US11015 19990518 (PCT/WO US9911015)

Priority Application: US 9886046 19980519; US 99262870 19990304

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU
ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 10757

Fulltext Availability:

Detailed Description

Claims

Detailed Description

PROGRAM GUIDE SYSTEM WITH
VIDEO- ON - DEMAND BROWSING
Back(around of the Invention
This invention relates to interactive
5 **television** program guides, and more particularly, to
television program guides that allow viewers to browse
video - on - demand programs. A **television program** and a
program **guide** display containing information for **video**
on - demand programs may be simultaneously displayed on a
10 display screen.

Throughout the history of **television** ,
broadcasting networks have been striving to provide
television viewers with interesting programming **shown**
at convenient viewing **times** . This has proven to be a
15 difficult task given the vast diversity of the...

Claim

... viewer to
enter a parental control code to order the video-ondemand program.

19 The **interactive** television program guide
system defined in claim 1 wherein the system further
comprises:
means for placing an order for a video-on

demand program displayed in the program guide display;
means for selecting a start - time for a video
on-demand program ordered by a viewer; and
means for automatically starting said ordered
video - on - demand program at said viewer selected starttime.

20 The interactive television program guide
system defined in claim 19 wherein the system further
comprises means for reminding said viewer of said
start - time for said ordered program. - 31

21 The interactive television program guide
system defined in claim...in claim 19 wherein the system further
comprises:
means for reminding said viewer of said
start - time for said ordered program; and
means for providing said viewer with an
option to cancel said ordered program.

27 An interactive television video - on
demand program guide system implemented on viewer
television equipment having a main display screen
comprising:
means for displaying a program guide display
on...

...on-demand program listing;
means for ordering a video-on-demand program
represented by said video -on-demand program listing;
and
means for allowing a viewer to advance order
said video...

...program by
selecting said start-time from a list of start-times
provided by said program guide .

30 The interactive television program guide
system defined in claim 27 wherein the system further
comprises means for allowing a viewer to select a
start-time for said video - on - demand program by entering
said start-time with a set of numeric input keys on a
remote control.

31 The interactive television program guide
system defined in claim 27 wherein the system further
comprises means for storing at least a portion of said
video -on-demand program in a home storage device when
said viewer advance orders said video...system defined in claim 27
wherein the system further
comprises:
means for selecting a start- time for a video
on-demand program ordered by a viewer;
means for reminding said viewer of a selected
start - time for said ordered video - on - demand program;
and
means for allowing said viewer to watch said
ordered program immediately from said reminding means.

37 The interactive television program guide

system defined in claim 27 wherein the system further comprises:
means for selecting a **start - time** for a **video on - demand** program ordered by a viewer;
means for reminding said viewer of a selected **start - time** for said ordered video-on-demand program;
and
means for allowing said viewer to acknowledge said **start -time** indicated by said reminding means and subsequently watch said ordered program at said selected...

...demand program ordered by a viewer;
means for reminding said viewer of a selected **start-time** for said ordered video-on-demand program;
and
means for allowing said viewer to change said **start - time** indicated by said reminding means to a new **start - time**, said ordered **video -on- demand** program automatically starting at said new **start - time**.

39 The interactive television program guide system defined in claim 27 wherein the system further comprises:
means for selecting a **start - time** for a **video on - demand** program ordered by a viewer;
means for reminding said viewer of a selected **start - time** for said ordered video-on-demand program;
and
means for allowing said viewer to change said **start - time** indicated by said reminding means to a new **start - time** by selecting said new **start - time** from a list of **start - times** provided by said **program** guide, said ordered video-on-demand program automatically starting at said new **start - time**.

40 The interactive television program guide system defined in claim 27 wherein the system further comprises:
means for selecting a **start - time** for a video **on - demand** program ordered by a viewer;
means for reminding said viewer of a selected **start - time** for said ordered video-on-demand program;
and
means for allowing said viewer to change said **start -time** indicated by said reminding means to a new start-time by entering a viewer-defined start-time, said ordered video- **on - demand** program automatically starting at said viewer-defined start-time.

41 The **interactive television** program guide system defined in claim 27 wherein the system further comprises:
means for selecting a start-time for a **video on - demand** program ordered by a viewer;
means for reminding said viewer of a selected start-time...

...said viewer to cancel said ordered program indicated by said reminding means.

42 An interactive **television video - on demand program guide** system implemented on viewer **television** equipment having a main display screen comprising:
means ...method defined in claim 67 wherein
said starting further comprises:
reminding said viewer of said **start - time** for
said ordered program; and
providing said viewer with an option to
cancel said ordered program.

75 A method for providing an interactive **television video - on - demand program guide** system implemented on viewer **television** equipment having a main display screen comprising:
displaying a program guide display on the viewer...for a video-on-demand program ordered by a viewer;
reminding said viewer of said **start - time** for said ordered program; and
allowing said viewer to cancel said ordered program indicated by said reminding means. - 47

90 A method for providing an interactive **television video - on - demand program guide** system implemented on viewer **television** equipment having a main display screen comprising:
displaying a program guide display on the viewer...

18/3,K/7 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00378813 **Image available**

INTERACTIVE TELEVISION
TELEVISION INTERACTIVE

Patent Applicant/Assignee:

PHILIPS ELECTRONICS N V,
PHILIPS NORDEN AB,

Inventor(s):

TREW Timothy Ian Paterson,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9719556 A1 19970529

Application: WO 96IB1255 19961119 (PCT/WO IB9601255)

Priority Application: GB 9523869 19951122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CN JP KR AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 7911

Fulltext Availability:

Detailed Description

Detailed Description

... the question. Thus as the answers are inserted into the

auxiliary data channel this will **start a timer within** the **television receiver** which allows the viewer to answer the question only until the timer times out.

Step...

22/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00907399

Dynamic mapping of broadcast resources

Dynamische Zuteilung von Rundfunkübertragungen

Allocation dynamique de ressources de telediffusion

PATENT ASSIGNEE:

Hughes Electronics Corporation, (2464050), 200 N. Sepulveda Boulevard, El Segundo, California 90245-0956, (US), (Applicant designated States: all)

INVENTOR:

Arsenault, Robert G., 2815 May Avenue, Redondo Beach, CA 90278, (US)
Leminh, Tam T., 4709 Montefino Drive, Cypress, CA 90630, (US)
James, Thomas H., 1010 Fiske Street, Pacific Palisades, CA 90272, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 828390 A2 980311 (Basic)
EP 828390 A3 990908

APPLICATION (CC, No, Date): EP 97115360 970904;

PRIORITY (CC, No, Date): US 708524 960905

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: H04N-007/16

ABSTRACT WORD COUNT: 137

NOTE:

Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9811	1908
SPEC A	(English)	9811	14867
Total word count - document A			16775
Total word count - document B			0
Total word count - documents A + B			16775

...SPECIFICATION 96, the necessary broadcast resource and output data stream or viewer channel information for each **time slot** can be included **within** the **program guide** information, and the necessary map information then stripped from the incoming program guide data stream
...

22/3,K/2 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00327211 **Image available**

SYSTEM AND METHOD FOR GENERATING AN INFORMATION DISPLAY SCHEDULE FOR AN ELECTRONIC PROGRAM GUIDE

SYSTEME ET PROCEDE DE CREATION D'UN PROGRAMME D'AFFICHAGE D'INFORMATIONS POUR UN GUIDE DE PROGRAMMATION ELECTRONIQUE

Patent Applicant/Assignee:

TV GUIDE ON SCREEN,

Inventor(s):

DAVIS Bruce,
GUTMAN James,

HEYDT Michael,
MILLER Larry,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9609721 A1 19960328
Application: WO 95US12100 19950922 (PCT/WO US9512100)
Priority Application: US 94311475 19940923
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AU BR CA JP MX SG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 16485

Fulltext Availability:
Detailed Description

Detailed Description
... event schedules, time and weather information, and other commercial
information.

These systems generally incorporate a **grid** or matrix to **display** the
program schedule information, with a different row for each channel
and columns representing different time slots.

Collectively, the **prior electronic program guide** systems are
frustrating for the viewer and do not incorporate features that render
them especially...

22/3,K/3 (Item 2 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00314432 **Image available**
ELECTRONIC TELEVISION PROGRAM GUIDE CHANNEL SYSTEM AND METHOD
PROCEDE ET SYSTEME ELECTRONIQUE DE CANAUX RELATIF A UN GUIDE DE PROGRAMMES
DE TELEVISION

Patent Applicant/Assignee:
TV GUIDE ON SCREEN,

Inventor(s):
ALTEN Jerry,
DAVIS Bruce,
MORRIS Michael,
THOMAS William L,
YUUMAN Roger,

Patent and Priority Information (Country, Number, Date):
Patent: WO 9532585 A1 19951130
Application: WO 94US5497 19940520 (PCT/WO US9405497)
Priority Application: WO 94US5497 19940520

Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AU BR CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 10782

Fulltext Availability:
Detailed Description

Detailed Description
... event schedules, time and weather information, and other commercial

information. These systems generally incorporate a **grid** or matrix to **display** the **program schedule** information, with a different row for each channel and columns representing different time slots.

Collectively, the **prior electronic program guide** systems are frustrating for the viewer and do not incorporate features that render them especially...

22/3,K/4 (Item 3 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00314430 **Image available**

IMPROVED ELECTRONIC TELEVISION PROGRAM SCHEDULE GUIDE SYSTEM AND METHOD
SYSTEME ELECTRONIQUE AMELIORE RELATIF A UN GUIDE DE PROGRAMMES DE
TELEVISION ET PROCEDE

Patent Applicant/Assignee:

TV GUIDE ON SCREEN,

Inventor(s):

ALTEN Jerry,

DAVIS Bruce,

MORRIS Michael,

YOUMAN Roger,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9532583 A1 19951130

Application: WO 94US5498 19940520 (PCT/WO US9405498)

Priority Application: WO 94US5498 19940520

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 20692

Fulltext Availability:

Detailed Description

Detailed Description

... display

and linking of video promotions with program schedule information and order processing functions.

The **prior** electronic program guides also fail to provide the user with a simple and...90 minute cells may require only one line of text to display the title.

The **prior electronic program guides** also lack a method for creating a viewing itinerary electronically while still viewing a program currently appearing on the television receiver. Moreover, these **prior program guides** leave much guess work for the user as he navigates through a sequence of channels...

30/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv. .

01933268

Improved electronic television program schedule guide system and method
Verbessertes elektronisches Fernsehprogrammführungssystem und Verfahren
Procede et systeme de guide de programmes de television ameliore
PATENT ASSIGNEE:

United Video Properties Inc., (2770781), 7140 South Lewis Avenue, Tulsa,
Oklahoma 74136-5422, (US), (Applicant designated States: all)

INVENTOR:

Bennington, Gerald, 6007 E. Briarwood Circle, Eaglewood, CO 80112, (US)
Backer, George, 8901 Bermuda Run Circle, Highlands Ranch, CO 80126, (US)
Green Shawn, 7320 S. Upham Street, Littleton, CO 80123, (US)
Cooper, Bill, 5480A Manitou Road, Littleton, CO 80123, (US)
Spell, Dave, 1150 S. Cherry Street, 4-204 Denver, CO 80222, (US)
Rogers, Rosetta, 2548-A, S. Vaughn Way, Aurora, CO 80014, (US)
Davis, Bruce, 5505 Preserve Pkway South, Greenwood Village, (US)

LEGAL REPRESENTATIVE:

Neobard, William John (76884), Kilburn & Strode 20 Red Lion Street,
London WC1R 4JP, (GB)

PATENT (CC, No, Kind, Date): EP 1558028 A2 050727 (Basic)
EP 1558028 A3 050817

APPLICATION (CC, No, Date): EP 2005075996 940520;

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 1443756 (EP 2004075599)

EP 1028590 (EP 2000200915)

INTERNATIONAL PATENT CLASS: H04N-005/445

ABSTRACT WORD COUNT: 233

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200530	1376
SPEC A	(English)	200530	19891
Total word count - document A			21267
Total word count - document B			0
Total word count - documents A + B			21267

...SPECIFICATION display and linking of video promotions with program
schedule information and order processing functions.

The **prior** electronic program guides also fail to provide the user
with a simple and efficient method...

...programs and channels using a flexible and uncomplicated on-screen user
interface.

The prior electronic **program guides** are also deficient in that they
do not provide the user with the ability to...

...the user with current billing information on the user's demand.

An additional problem with **prior program guides** is that when
displaying schedule information in grid format, i.e., columns
representing **time slots** and rows representing channels, program
titles generally are width-wise truncated to fit into the...

30/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01799150

Interactive program guide systems and processes
Verfahren und System zur interaktiven Programmführung
Systemes et procedes interactifs de guide de programmes
PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Applicant designated States: all)

INVENTOR:

Lemmons, Thomas R., Route 2 Box 332-47, Coweta, OK 74429, (US)
Allison, Donald W., 3411 South 132nd East Avenue, Tulsa, OK 74134, (US)
Henshaw, Jerry D., 8016 South Quebec, Tulsa, OK 74136, (US)
Marshall, Connie T., 2991 South Woodland Road, Muskogee, OK 74403, (US)

LEGAL REPRESENTATIVE:

Neobard, William John et al (76883), Kilburn & Strode 20 Red Lion Street,
London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1469676 A1 041020 (Basic)

APPLICATION (CC, No, Date): EP 2004076717 960405;

PRIORITY (CC, No, Date): US 419077 950406

DESIGNATED STATES: DE; FR; GB; IT; NL

RELATED PARENT NUMBER(S) - PN (AN):

EP 963109 (EP 99115117)

EP 819354 (EP 96911607)

INTERNATIONAL PATENT CLASS: H04N-005/44; H04N-005/775; H04N-005/445

ABSTRACT WORD COUNT: 125

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200443	585
SPEC A	(English)	200443	22665
Total word count - document A			23250
Total word count - document B			0
Total word count - documents A + B			23250

...SPECIFICATION is highlighted, the cursor moves to a program cell 130.
The program grid 112, the **time** bar 102, and the channel bar 108
scroll as needed when the viewer attempts to...

...key while the program cell 127 is highlighted, the program grid 112 and
the time **bar** 102 will scroll sufficiently far to the right to allow the
display of **program** **schedule** information for the **program**
scheduled for telecast immediately **prior** to the one **indicated** by the
program cell 127. Continuation icons 132 indicate that particular
programs start before or finish later than the times currently displayed
in the **time** **bar** 102. The viewer can see when such programs start or
end by scrolling the program...

30/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01796022

Electronic television program guide schedule system and method with remote
product ordering
Vorrichtung und Verfahren zur elektronischen Fernsehprogrammzeitplanung mit
Warenfernbestellung
Systeme electronique de choix de programmes televisuels et procede
permettant de passer commande de produits a distance

PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Applicant designated States: all)

INVENTOR:

Ellis, Michael D., 1300 Kingwood Place, Boulder, CO 80304, (US)
Davis, Bruce, 333 South state Street 145, Lake Oswego, OR 97034, (US)
Knudson, Edward, 11055 W. Rowland Avenue, Littleton, CO 80127, (US)
Miller, Larry, 35 Glenmore Drive, Greenwood Villiage, CO 80111, (US)

LEGAL REPRESENTATIVE:

Hibbert, Juliet Jane Grace et al (79376), Kilburn & Strode, 20 Red Lion
Street, London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1467566 A2 041013 (Basic)
EP 1467566 A3 041027

APPLICATION (CC, No, Date): EP 2004015821 960424;

PRIORITY (CC, No, Date): US 428809 950424

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 823179 (EP 96913121)

INTERNATIONAL PATENT CLASS: H04N-007/173

ABSTRACT WORD COUNT: 127

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200442	722
SPEC A	(English)	200442	23227
Total word count - document A			23949
Total word count - document B			0
Total word count - documents A + B			23949

...SPECIFICATION display and linking of video promotions with program
schedule information and order processing functions.

The **prior** electronic program guides also fail to provide the user
with a simple and efficient method...

...programs and channels using a flexible and uncomplicated on-screen user
interface.

The prior electronic **program guides** are also deficient in that they
do not provide the user with the ability to...

...the user with current billing information on the user's demand.

An additional problem with **prior program guides** is that when
displaying schedule information in grid format, i.e., columns
representing **time slots** and rows representing channels, program
titles generally are width-wise truncated to fit into the...

30/3,K/4 (Item 4 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

01769651

Improved electronic television program schedule guide system and method
Verbessertes elektronisches Fernsehprogrammführungssystem und Verfahren
Procede et systeme de guide de programmes de television ameliore

PATENT ASSIGNEE:

United Video Properties Inc., (2770781), 7140 South Lewis Avenue, Tulsa,
Oklahoma 74136-5422, (US), (Applicant designated States: all)

INVENTOR:

Alten, Jerry, 10 Wynnesdale Circle, Norbeth PA 19072, (US)
Morris, Michael, , deceased, (US)
Davis, Bruce, 333 South State Street 145, Lake Oswego OR 97034, (US)
Youman, Roger, 752 Mancil Road, Wayne PA 19087, (US)

LEGAL REPRESENTATIVE:

Neobard, William John et al (76883), Kilburn & Strode 20 Red Lion Street,
London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1443756 A2 040804 (Basic)
EP 1443756 A2 040804
EP 1443756 A3 041110

APPLICATION (CC, No, Date): EP 2004075599 940520;

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 1028590 (EP 2000200915)
EP 775417 (EP 2094923877)

RELATED DIVISIONAL NUMBER(S) - PN (AN):
(EP 2005075996)

INTERNATIONAL PATENT CLASS: H04N-005/445

ABSTRACT WORD COUNT: 233

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200432	1383
SPEC A	(English)	200432	18684
Total word count - document A			20067
Total word count - document B			0
Total word count - documents A + B			20067

...SPECIFICATION display and linking of video promotions with program
schedule information and order processing functions.

The **prior** electronic program guides also fail to provide the user
with a simple and efficient method...

...programs and channels using a flexible and uncomplicated on-screen user
interface.

The prior electronic **program guides** are also deficient in that they
do not provide the user with the ability to...

...the user with current billing information on the user's demand.

An additional problem with **prior program guides** is that when
displaying schedule information in grid format, i.e., columns
representing **time slots** and rows representing channels, program
titles generally are width-wise truncated to fit into the...

30/3,K/5 (Item 5 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

01731027

Improved electronic television program guide schedule system and method
with pop-up hints

Verbessertes elektronisches Fernsehprogrammführungssystem und Verfahren mit
Fenstern mit Hinweismeldungen

Système et procede de programmation amelioré pour guide d'émissions de
television électronique avec messages d'aide incrustés

PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Applicant designated States: all)

INVENTOR:

Davis, Bruce, 333 South State No.145, Lake Oswego OR 97034, (US)
Ellis, Michael Dean, 1300 Kingwood Place, Boulder CO 80304, (US)
Knudson, Edward Bruce, 11055 W. Rowland Avenue, Littleton CO 80127, (US)
Miller, Larry, 35 Glenmore Drive, Greenwood Village CO 80111, (US)

LEGAL REPRESENTATIVE:

Neobard, William John et al. (76883), Kilburn & Strode 20 Red Lion Street,
London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1418755 A1 040512 (Basic)

APPLICATION (CC, No, Date): EP 2003078913 970624;

PRIORITY (CC, No, Date): US 668930 960624

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 908052 (EP 97933132)

INTERNATIONAL PATENT CLASS: H04N-005/445; H04N-007/173

ABSTRACT WORD COUNT: 215

NOTE:

Figure number on first page: 43d

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200420	1373
SPEC A	(English)	200420	23264
Total word count - document A			24637
Total word count - document B			0
Total word count - documents A + B			24637

...SPECIFICATION display and linking of video promotions with program
schedule information and order processing functions.

The **prior** electronic program guides also fail to provide the user
with a simple and efficient method...

...programs and channels using a flexible and uncomplicated on-screen user
interface.

The prior electronic **program guides** are also deficient in that they
do not provide the user with the ability to...

...the user with current billing information on the user's demand.

An additional problem with **prior program guides** is that when
displaying schedule information in grid format, i.e., columns
representing **time slots** and rows representing channels, program
titles generally are width-wise truncated to fit into the...

30/3,K/6 (Item 6 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01349497

Electronic television program guide schedule system and method with data feed access

Verfahren und Einrichtung zur Planung einer elektronischen Programmanweisung mit Zugriff auf Dateneingabe

Systeme et methode de programmation pour guide electronique de programmes de television avec acces a des sources de donnees

PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa, OK 74136, (US), (Applicant designated States: all)

INVENTOR:

Knee, Robert Alan, 747 Grissom Drive, Lansdale, PA 19446, (US)
Favia, Anthony R., 4382 S. Billings Cr., Aurora, CO 80015, (US)
Miller, Larry, 35 Glenmoore Drive, Greenwood Village, CO 80111, (US)
Davis, Bruce, 333 South State Street 145, Lake Oswego, OR 97034, (US)

LEGAL REPRESENTATIVE:

Hibbert, Juliet Jane Grace (79376), Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1152605 A1 011107 (Basic)

APPLICATION (CC, No, Date): EP 2001202073 960606;

PRIORITY (CC, No, Date): US 476217 950607

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 856227 (EP 96921338)

INTERNATIONAL PATENT CLASS: H04N-005/445

ABSTRACT WORD COUNT: 172

NOTE:

Figure number on first page: 53

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200145	2951
SPEC A	(English)	200145	27599
Total word count - document A			30550
Total word count - document B			0
Total word count - documents A + B			30550

...SPECIFICATION display and linking of video promotions with program schedule information and order processing functions.

The **prior** electronic program guides also fail to provide the user with a simple and efficient method...

...programs and channels using a flexible and uncomplicated on-screen user interface.

The **prior** electronic **program guides** are also deficient in that they do not provide the user with the ability to information on the user's demand.

An additional problem with **prior program guides** is that when **displaying** schedule information in grid format, i.e., columns representing **time slots** and rows representing channels, program titles generally are width-wise truncated to fit into the...

30/3,K/7 (Item 7 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

01270129

Electronic television program guide schedule system and method with display

and search of program with alphabetical title listings
Elektronischer Fernsehprogrammführer und entsprechendes Verfahren mit
Anzeige und Auswahl von Programmen in alphabetischer Reihenfolge der
Titel

Systeme electronique de programmes d'emission de television et procede
correspondant a l'affichage et la recherche sur le titre dans la liste
des programmes

PATENT ASSIGNEE:

United Video Properties Inc., (2770781), 7140 South Lewis Avenue, Tulsa,
Oklahoma 74136-5422, (US), (Applicant designated States: all)

INVENTOR:

Youman, Roger, 752 Mancil Road, Wayne, PA 19087, (US)
Morris, Marney, 120 Hawthorne, Palo Alto, CA 94301, (US)

LEGAL REPRESENTATIVE:

Lucas, Brian Ronald (33295), Lucas & Co. 135 Westhall Road, Warlingham
Surrey CR6 9HJ, (GB)

PATENT (CC, No, Kind, Date): EP 1094665 A1 010425 (Basic)

APPLICATION (CC, No, Date): EP 203306 951128;

PRIORITY (CC, No, Date): US 346603 941129

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 806112 (EP 95943590)

INTERNATIONAL PATENT CLASS: H04N-005/445

ABSTRACT WORD COUNT: 232

NOTE:

Figure number on first page: 38D

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200117	1177
SPEC A	(English)	200117	19823
Total word count - document A			21000
Total word count - document B			0
Total word count - documents A + B			21000

...SPECIFICATION display and linking of video promotions with program
schedule information and order processing functions.

The **prior** electronic program guides also fail to provide the user
with a simple and efficient method...

...programs and channels using a flexible and uncomplicated on-screen user
interface.

The prior electronic **program guides** are also deficient in that they
do not provide the user with the ability to...

...the user with current billing information on the user's demand.

An additional problem with **prior program guides** is that when
displaying schedule information in grid format, i.e., columns
representing **time slots** and rows representing channels, program
titles generally are width-wise truncated to fit into the...

30/3,K/8 (Item 8 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

01179476

Improved electronic television program schedule guide system and method
Verbessertes elektronisches Fernsehprogrammführungssystem und Verfahren

Procede et systeme de guide de programmes de television ameliore

PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Applicant designated States: all)

INVENTOR:

Alten, Jerry, 10 Wynnesdale Circle, Norberth, PA 19072, (US)
Davis, Bruce, 5505 Preserve, Parkway South, Greenwood Village, CO 80121,
(US)
Morris, Michael, 30 Whistling Swan Lane, Downingtown, PA 19355, (US)
Youman, Roger, 752 Mancil Road, Wayne, PA 19087, (US)

LEGAL REPRESENTATIVE:

Hale, Peter (60281), Kilburn & Strobe 20 Red Lion Street, London WC1R 4PJ
, (GB)

PATENT (CC, No, Kind, Date): EP 1028590 A2 000816 (Basic)
EP 1028590 A3 001025

APPLICATION (CC, No, Date): EP 200915 940520;

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 775417 (EP 94923877)

RELATED DIVISIONAL NUMBER(S) - PN (AN):

(EP 2004075599)

INTERNATIONAL PATENT CLASS: H04N-005/445

ABSTRACT WORD COUNT: 232

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200033	1399
SPEC A	(English)	200033	18680
Total word count - document A			20079
Total word count - document B			0
Total word count - documents A + B			20079

...SPECIFICATION display and linking of video promotions with program
schedule information and order processing functions.

The **prior** electronic program guides also fail to provide the user
with a simple and efficient method...

...programs and channels using a flexible and uncomplicated on-screen user
interface.

The prior electronic **program guides** are also deficient in that they
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...the user with current billing information on the user's demand.

An additional problem with **prior program guides** is that when
displaying schedule information in grid format, i.e., columns
representing **time slots** and rows representing channels, program
titles generally are width-wise truncated to fit into the...

30/3,K/9 (Item 9 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

01096431

Interactive program guide systems and processes
Verfahren und System zur interaktiven Programmführung
Systeme et procedes interactifs de guide de programmes

PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Proprietor designated states: all)

INVENTOR:

Lemmons, Thomas R., Route 2, Box 332-47, Coweta, OK 74492, (US)
Allison, Donald W., 3411 South 132nd East Avenue, Tulsa, OK 74134, (US)
Henshaw, Jerry D., 8016 South Quebec, Tulsa, OK 74136, (US)
Marshall, Connie T., 2991 South Woodland Road, Muskogee, OK 74403, (US)

LEGAL REPRESENTATIVE:

Hale, Peter et al (60281), Kilburn & Strode 20 Red Lion Street, London
WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 963109 A1 991208 (Basic)
EP 963109 B1 040616

APPLICATION (CC, No, Date): EP 99115117 960405;

PRIORITY (CC, No, Date): US 419077 950406

DESIGNATED STATES: BE; DE; FR; GB; IT; NL; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 819354 (EP 96911607)

RELATED DIVISIONAL NUMBER(S) - PN (AN):

(EP 2004076717)

INTERNATIONAL PATENT CLASS: H04N-005/445

ABSTRACT WORD COUNT: 124

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199949	3199
CLAIMS B	(English)	200425	4508
CLAIMS B	(German)	200425	3656
CLAIMS B	(French)	200425	4882
SPEC A	(English)	199949	18735
SPEC B	(English)	200425	17741
Total word count - document A			21938
Total word count - document B			30787
Total word count - documents A + B			52725

...SPECIFICATION is highlighted, the cursor moves to a program cell 130.

The program grid 112, the **time** bar 102, and the channel bar 108
scroll as needed when the viewer attempts to...

...key while the program cell 127 is highlighted, the program grid 112 and
the time **bar** 102 will scroll sufficiently far to the right to allow the
display of **program schedule** information for the **program**
scheduled for telecast immediately **prior** to the one **indicated** by the
program cell 127. Continuation icons 132 indicate that particular
programs start before or finish later than the times currently displayed
in the **time bar** 102. The viewer can see when such programs start or
end by scrolling the program...

...SPECIFICATION is highlighted, the cursor moves to a program cell 130.

The program grid 112, the **time** bar 102, and the channel bar 108
scroll as needed when the viewer attempts to...

...key while the program cell 127 is highlighted, the program grid 112 and
the time **bar** 102 will scroll sufficiently far to the right to allow the
display of **program schedule** information for the **program**
scheduled for telecast immediately **prior** to the one **indicated** by the
program cell 127. Continuation icons 132 indicate that particular

programs start before or finish later than the times currently displayed in the **time bar** 102. The viewer can see when such programs start or end by scrolling the program...

30/3,K/10 (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00810579

INTERACTIVE PROGRAM GUIDE SYSTEMS AND PROCESSES
VERFAHREN UND SYSTEME ZUR INTERAKTIVEN PROGRAMMFUHRUNG
SYSTEMES ET PROCEDES INTERACTIFS DE GUIDE DE PROGRAMMES
PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Proprietor designated states: all)

INVENTOR:

LEMMONS, Thomas, R., Route 2, Box 332-47, Coweta, OK 74492, (US)
ALLISON, Donald, W., 3411 South 132nd East Avenue, Tulsa, OK 74134, (US)
HENSHAW, Jerry, D., 8016 South Quebec, Tulsa, OK 74136, (US)
MARSHALL, Connie, T., 2991 South Woodland Road, Muskogee, OK 74403, (US)

LEGAL REPRESENTATIVE:

Hale, Peter et al (60281), Kilburn & Strode 20 Red Lion Street, London
WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 819354 A1 980121 (Basic)
EP 819354 B1 000301
WO 9631980 961010

APPLICATION (CC, No, Date): EP 96911607 960405; WO 96US4741 960405

PRIORITY (CC, No, Date): US 419077 950406

DESIGNATED STATES: BE; DE; FR; GB; IT; NL; SE

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 963109 (EP 99115117)

INTERNATIONAL PATENT CLASS: H04N-005/445; H04N-005/50

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200009	777
CLAIMS B	(German)	200009	661
CLAIMS B	(French)	200009	1072
SPEC B	(English)	200009	17845
Total word count - document A			0
Total word count - document B			20355
Total word count - documents A + B			20355

...SPECIFICATION is highlighted, the cursor moves to a program cell 130.

The program grid 112, the **time bar** 102, and the channel bar 108
scroll as needed when the viewer attempts to...

...key while the program cell 127 is highlighted, the program grid 112 and the **time bar** 102 will scroll sufficiently far to the right to allow the **display of program schedule** information for the **program scheduled** for telecast immediately **prior** to the one **indicated** by the program cell 127. Continuation icons 132 indicate that particular programs start before or finish later than the times currently displayed in the **time bar** 102. The viewer can see when such programs start or end by scrolling the program...

30/3,K/11 (Item 11 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00781918

ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD WITH DISPLAY
AND SEARCH OF PROGRAM WITH ALPHABETICAL TITLE LISTINGS
ELEKTRONISCHER FERSEHPROGRAMMFUHRER UND ENTSPRECHENDES VERFAHREN MIT
ANZEIGE UND AUSWAHL VON PROGRAMMEN IN ALPHABETISCHER REIHENFOLGE DER
TITEL
SYSTEME ELECTRONIQUE DE PROGRAMMES D'EMISSIONS DE TELEVISION ET PROCEDE
CORRESPONDANT A L'AFFICHAGE ET LA RECHERCHE SUR LE TITRE DANS LA LISTE
DES PROGRAMMES

PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Proprietor designated states: all)

INVENTOR:

YOUMAN, Roger, 752 Mancill Road, Wayne, PA 19087, (US)

MORRIS, Marney, 120 Hawthorne, Palo Alto, CA 94301, (US)

LEGAL REPRESENTATIVE:

Hale, Peter (60281), Kilburn & Strode 20 Red Lion Street, London WC1R 4PJ
, (GB)

PATENT (CC, No, Kind, Date): EP 806112 A1 971112 (Basic)

EP 806112 B1 020206

WO 9617473 960606

APPLICATION (CC, No, Date): EP 95943590 951128; WO 95US15241 951128

PRIORITY (CC, No, Date): US 346603 941129

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1094665 (EP 2000203306)

INTERNATIONAL PATENT CLASS: H04N-005/445

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200206	867
CLAIMS B	(German)	200206	739
CLAIMS B	(French)	200206	1004
SPEC B	(English)	200206	19628
Total word count - document A			0
Total word count - document B			22238
Total word count - documents A + B			22238

...SPECIFICATION display and linking of video promotions with program
schedule information and order processing functions.

The **prior** electronic program guides also fail to provide the user
with a simple and efficient method...

...programs and channels using a flexible and uncomplicated on-screen user
interface.

The prior electronic **program guides** are also deficient in that they
do not provide the user with the ability to...

...the user with current billing information on the user's demand.

An additional problem with **prior program guides** is that when
displaying schedule information in grid format, i.e., columns
representing **time slots** and rows representing channels, program
titles generally are width-wise truncated to fit into the...

30/3,K/12 (Item 12 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00743503

IMPROVED ELECTRONIC TELEVISION PROGRAM SCHEDULE GUIDE SYSTEM AND METHOD
VERBESSERTES ELEKTRONISCHES FUHRUNGSSYSTEM FUR FERNSEHPROGRAMME UND
VEFAHREN DAZU
SYSTEME ELECTRONIQUE AMELIORE RELATIF A UN GUIDE DE PROGRAMMES DE
TELEVISION ET PROCEDE

PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Proprietor designated states: all)

INVENTOR:

ALTEN, Jerry, 10 Wynnedale Circle, Norberth, PA 19072, (US)
DAVIS, Bruce, 333 South State Street #145, Lake Oswego, Oregon 970341,
(US)

MORRIS, Michael, 853 Durant CT, West Chester, PA 19380-1723, (US)

YOUMAN, Roger, 752 Mancil Road, Wayne, PA 19087, (US)

LEGAL REPRESENTATIVE:

Hale, Peter et al (60281), Kilburn & Strode 20 Red Lion Street, London
WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 775417 A1 970528 (Basic)
EP 775417 B1 010404
WO 9532583 951130

APPLICATION (CC, No, Date): EP 94923877 940520; WO 94US5498 940520

PRIORITY (CC, No, Date): EP 94923877 940520; WO 94US5498 940520

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1028590 (EP 200915)

INTERNATIONAL PATENT CLASS: H04N-005/445; H04N-005/50

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200114	353
CLAIMS B	(German)	200114	294
CLAIMS B	(French)	200114	430
SPEC B	(English)	200114	18476
Total word count - document A			0
Total word count - document B			19553
Total word count - documents A + B			19553

...SPECIFICATION display and linking of video promotions with program
schedule information and order processing functions.

The **prior** electronic program guides also fail to provide the user
with a simple and efficient method...

...programs and channels using a flexible and uncomplicated on-screen user
interface.

The prior electronic **program guides** are also deficient in that they
do not provide the user with the ability to...

...the user with current billing information on the user's demand.

An additional problem with **prior program guides** is that when
displaying schedule information in grid format, i.e., columns

representing **time slots** and rows representing channels, program titles generally are width-wise truncated to fit into the...

30/3,K/13 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00570187 **Image available**

INTERACTIVE PROGRAM GUIDE SYSTEM AND METHOD
SYSTEME ET PROCEDE D'UTILISATION DE GUIDES DE PROGRAMMES INTERACTIFS

Patent Applicant/Assignee:

UNITED VIDEO PROPERTIES INC,

Inventor(s):

KNUDSON Edward B,
ELLIS Michael D,
HERRINGTON W Benjamin,
WILLIAMSON Steven C,
McKISSICK Pamela L,
THOMAS William L,
BEREZOWSKI David M,
CARPENTIER Kenneth F Jr,
ROSS Jeffrey A,
HAGENBUCH Danie C,
REYNOLDS Steven J,
RUDNICK David M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200033560 A2 20000608 (WO 0033560)

Application: WO 99US28128 19991130 (PCT/WO US9928128)

Priority Application: US 98110262 19981130; US 99357941 19990716

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 27438

Fulltext Availability:

Detailed Description

Detailed Description

... at the same time

or near the same time (step 1083). As the user navigates **within** listings, the **program guide** may skip the demarcation (step 1085), and require the user to navigate through an advertisement banner (step 1089), if desired. In by time screens, the guide may change the **time bar** display (or other suitable time display) to indicate that the user has changed time slots...

30/3,K/14 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00563749 **Image available**

INTERACTIVE PROGRAM GUIDE WITH CONTINUOUS DATA STREAM AND CLIENT-SERVER
DATA SUPPLEMENTATION
GUIDE DE PROGRAMME INTERACTIF AVEC FLUX D'INFORMATIONS CONTINUUT COMPLEMENT
D'INFORMATIONS CLIENTS-SERVEURS

Patent Applicant/Assignee:

UNITED VIDEO PROPERTIES INC,

Inventor(s):

HASSEL Joel G,
THOMAS William L,
ELLIS Michael D,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200027122 A1 20000511 (WO 0027122)

Application: WO 99US25485 19991029 (PCT/WO US9925485)

Priority Application: US 98106714 19981102; US 98109140 19981120; US
99332625 19990611

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 26621

Fulltext Availability:

Detailed Description

Detailed Description

... communications path 20. If desired, the program guide
may also prefetch program listings for other **time slots**
from the continuous data stream or **program guide**
server 25.

After a user selects a program listing, the
interactive program guide may provide the user with...

30/3,K/15 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00473208 **Image available**

TV GRAPHICAL USER INTERFACE PROVIDING SELECTION AMONG VARIOUS LISTS OF TV
CHANNELS

INTERFACE UTILISATEUR GRAPHIQUE POUR TELEVISION PERMETTANT D'EFFECTUER UN
CHOIX PARMY PLUSIEURS LISTES DE CHAINES DE TELEVISION

Patent Applicant/Assignee:

SAMSUNG INFORMATION SYSTEMS AMERICA,
SAMSUNG ELECTRONICS CO LTD,

Inventor(s):

HARMS Kevin,
LEUNG Alfred,
NASLEDOV Dimitry,
DEACON Michael,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9904560 A1 19990128

Application: WO 98US15039 19980721 (PCT/WO US9815039)

Priority Application: US 97897827 19970721
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
CA CN ID JP KR MX AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 8679

Fulltext Availability:
Detailed Description

Detailed Description
... 9 contains TV programming from 7 p.m. to 8.30 p.m.

A horizontal **time scroll bar** 904 may be arranged below the time legends to enable the 1 5 user to look at a TV **program schedule** **before** and **after** the time **indicated** by the time legends.

A graphical button MORE 906 allows the user ...select any time period for which a TV program schedule is required. A direct access **time bar** 908 similar to the direct access channel bar 8 1 0 enables the user to access a TV program schedule for a selected region of the **time bar** 908 by directing the pointing device at the selected region.

Further, the **TV GUI** operating in the **program guide** mode may maintain the up and down channel scroll bars 804 and 806, and the...

30/3,K/16 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00473207
TV GRAPHICAL USER INTERFACE HAVING CURSOR POSITION INDICATOR
INTERFACE UTILISATEUR GRAPHIQUE POUR TELEVISION A INDICATEUR DE POSITION DE
CURSEUR

Patent Applicant/Assignee:
SAMSUNG INFORMATION SYSTEMS AMERICA,
SAMSUNG ELECTRONICS CO LTD,

Inventor(s):
HARMS Kevin,
GILLESPIE Donald,
WOOD Eric,
KHAUV Kiet,

Patent and Priority Information (Country, Number, Date):
Patent: WO 9904559 A1 19990128
Application: WO 98US15033 19980721 (PCT/WO US9815033)
Priority Application: US 97897826 19970721

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
CA CN ID JP KR MX AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 9895

Fulltext Availability:
Detailed Description

Detailed Description
... FIG. 8 contains TV programming from 7 p.m. to 8.30 pm.

A horizontal **time scroll bar** 1004 may be arranged below the time legends to enable the user to look at a TV **program schedule** before and after the time indicated by the time legends. A graphical button MORE 1006 allows the user to select any time period for which a TV program schedule is required. A direct access **time bar** 1008 similar to the direct access channel bar 81 0 enables the user to access a TV program schedule for a selected region of the **time bar** 1008 by directing the pointing device at the selected region.

Further, the **TV GUI** operating in the **program guide** mode may maintain the up and down channel scroll bars 804 and 806, and the...

30/3,K/17 (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00358964 **Image available**

**ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD WITH DATA
FEED ACCESS**

**SYSTEME DE PROGRAMMATION POUR GUIDE DE PROGRAMMES DE TELEVISION
ELECTRONIQUE ET PROCEDE AVEC ACCES A DES SOURCES DE DONNEES**

Patent Applicant/Assignee:

TV GUIDE ON SCREEN,

Inventor(s):

KNEE Robert Alan,
FAVIA Anthony R,
MILLER Larry,
DAVIS Bruce,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9641478 A1 19961219

Application: WO 96US9292 19960606 (PCT/WO US9609292)

Priority Application: US 95476217 19950607

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA CN JP KR PL AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 29545

Fulltext Availability:

Detailed Description

Detailed Description

... display and linking of video promotions with program schedule
information and order
processing functions

The **prior** electronic program guides also fail to provide the user with a simple and efficient method...programs
and channels using a flexible and uncomplicated on-screen user interface

The prior electronic **program guides** are also deficient in that they do not provide the user with the ability to...

...the user with current billing information on the user's
demand

An additional problem with **prior program guides** is that when

displaying

schedule information in grid format, i.e., columns representing **time slots** and rows representing channels, program titles

30/3,K/18 (Item 18 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00358963 **Image available**

ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD INCLUDING VIRTUAL CHANNELS

SYSTEME ET PROCEDE DE PROGRAMMATION ELECTRONIQUE D'EMISSIONS DE TELEVISION SERVANT DE GUIDES DE PROGRAMMES TV, UTILISANT DES CANAUX VIRTUELS

Patent Applicant/Assignee:

TV GUIDE ON SCREEN,

Inventor(s):

MILLER Larry,

KNUDSON Edward Bruce,

DAVIS Bruce,

DARATA Paul,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9641477 A1 19961219

Application: WO 96US9203 19960606 (PCT/WO US9609203)

Priority Application: US 95476215 19950607

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA CN JP KR PL AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 22641

Fulltext Availability:

Detailed Description

Detailed Description

... and linking of video promotions with program schedule information and order processing functions

1* The **prior** electronic program guides also fail to provide the user with a simple and efficient method...programs and channels using a flexible and uncomplicated on-screen user interface

The prior electronic **program guides** are also deficient in that they do not provide the user with the ability to...the user with current billing information on the user's demand

An additional problem with **prior program guides** is that when **displaying** schedule information in grid format, i.e., columns representing **time slots** and rows representing channels, program titles generally are width-wise truncated to fit into the...

30/3,K/19 (Item 19 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00351978 **Image available**

ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD WITH REMOTE
PRODUCT ORDERING
SYSTEME ELECTRONIQUE DE CHOIX DE PROGRAMMES TELEVISUELS ET PROCEDE
PERMETTANT DE PASSER COMMANDE DE PRODUITS A DISTANCE

Patent Applicant/Assignee:

TV GUIDE ON SCREEN,

Inventor(s):

ELLIS Michael D,
DAVIS Bruce,
KNUDSON Edward,
MILLER Larry,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9634491 A1 19961031

Application: WO 96US5729 19960424 (PCT/WO US9605729)

Priority Application: US 95428809 19950424

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AU BR CA CN JP KR PL AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 24328

Fulltext Availability:

Detailed Description

Detailed Description

... display

and linking of video promotions with program schedule information
and order processing functionse

The **prior** electronic program guides also fail to provide
the user with a simple and efficient...

...programs and channels using a

flexible and uncomplicated on-screen user interface.

The prior electronic **program guides** are also deficient
in that they do not provide the user with the ability to...

...the user with current billing information
on the user's demand.

An additional problem with **prior program guides** is that
when **displaying** schedule information in grid format, i. e., columns
representing **time slots** and rows representing channels, program
titles generally are width@wise truncated to fit into the...

30/3,K/20 (Item 20 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00327211 **Image available**

SYSTEM AND METHOD FOR GENERATING AN INFORMATION DISPLAY SCHEDULE FOR AN
ELECTRONIC PROGRAM GUIDE

SYSTEME ET PROCEDE DE CREATION D'UN PROGRAMME D'AFFICHAGE D'INFORMATIONS
POUR UN GUIDE DE PROGRAMMATION ELECTRONIQUE

Patent Applicant/Assignee:

TV GUIDE ON SCREEN,

Inventor(s):

DAVIS Bruce,

GUTMAN James,
HEYDT Michael,
MILLER Larry,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9609721 A1 19960328
Application: WO 95US12100 19950922 (PCT/WO US9512100)
Priority Application: US 94311475 19940923

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA JP MX SG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 16485

Fulltext Availability:

Detailed Description

Detailed Description

... event schedules, time and weather information, and other commercial information.

These systems generally incorporate a **grid** or matrix to **display** the **program schedule** information, with a different row for each channel and columns representing different time slots.

Collectively, the **prior electronic program guide** systems are frustrating for the viewer and do not incorporate features that render them especially...

30/3,K/21 (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00314432 **Image available**

ELECTRONIC TELEVISION PROGRAM GUIDE CHANNEL SYSTEM AND METHOD
PROCEDE ET SYSTEME ELECTRONIQUE DE CANAUX RELATIF A UN GUIDE DE PROGRAMMES
DE TELEVISION

Patent Applicant/Assignee:

TV GUIDE ON SCREEN,

Inventor(s):

ALTEN Jerry,
DAVIS Bruce,
MORRIS Michael,
THOMAS William L,
YOUUMAN Roger,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9532585 A1 19951130
Application: WO 94US5497 19940520 (PCT/WO US9405497)
Priority Application: WO 94US5497 19940520

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 10782

Fulltext Availability:

Detailed Description

Detailed Description

... event schedules, time and weather information, and other commercial information. These systems generally incorporate a **grid** or matrix to **display** the **program schedule** information, with a different row for each channel and columns representing different time slots.

Collectively, the **prior electronic program guide** systems are frustrating for the viewer and do not incorporate features that render them especially...

File 9:Business & Industry(R) Jul/1994-2005/Oct 26
 (c) 2005 The Gale Group
 File 15:ABI/Inform(R) 1971-2005/Oct 27
 (c) 2005 ProQuest Info&Learning
 File 16:Gale Group PROMT(R) 1990-2005/Oct 26
 (c) 2005 The Gale Group
 File 20:Dialog Global Reporter 1997-2005/Oct 27
 (c) 2005 Dialog
 File 47:Gale Group Magazine DB(TM) 1959-2005/Oct 27
 (c) 2005 The Gale group
 File 75:TGG Management Contents(R) 86-2005/Oct W3
 (c) 2005 The Gale Group
 File 80:TGG Aerospace/Def.Mkts(R) 1982-2005/Oct 26
 (c) 2005 The Gale Group
 File 88:Gale Group Business A.R.T.S. 1976-2005/Oct 27
 (c) 2005 The Gale Group
 File 98:General Sci Abs/Full-Text 1984-2004/Dec
 (c) 2005 The HW Wilson Co.
 File 112:UBM Industry News 1998-2004/Jan 27
 (c) 2004 United Business Media
 File 141:Readers Guide 1983-2004/Dec
 (c) 2005 The HW Wilson Co
 File 148:Gale Group Trade & Industry DB 1976-2005/Oct 27
 (c)2005 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2005/Oct 26
 (c) 2005 The Gale Group
 File 264:DIALOG Defense Newsletters 1989-2005/Oct 27
 (c) 2005 Dialog
 File 484:Periodical Abs Plustext 1986-2005/Oct W4
 (c) 2005 ProQuest
 File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
 (c) 2005 The HW Wilson Co
 File 570:Gale Group MARS(R) 1984-2005/Oct 26
 (c) 2005 The Gale Group
 File 608:KR/T Bus.News. 1992-2005/Oct 27
 (c)2005 Knight Ridder/Tribune Bus News
 File 620:EIU:Viewswire 2005/Oct 19
 (c) 2005 Economist Intelligence Unit
 File 613:PR Newswire 1999-2005/Oct 27
 (c) 2005 PR Newswire Association Inc
 File 621:Gale Group New Prod.Annou.(R) 1985-2005/Oct 27
 (c) 2005 The Gale Group
 File 623:Business Week 1985-2005/Oct 27
 (c) 2005 The McGraw-Hill Companies Inc
 File 624:McGraw-Hill Publications 1985-2005/Oct 27
 (c) 2005 McGraw-Hill Co. Inc
 File 634:San Jose Mercury Jun 1985-2005/Oct 26
 (c) 2005 San Jose Mercury News
 File 635:Business Dateline(R) 1985-2005/Oct 27
 (c) 2005 ProQuest Info&Learning
 File 636:Gale Group Newsletter DB(TM) 1987-2005/Oct 26
 (c) 2005 The Gale Group
 File 647:CMP Computer Fulltext 1988-2005/Oct W2
 (c) 2005 CMP Media, LLC
 File 696:DIALOG Telecom. Newsletters 1995-2005/Oct 26
 (c) 2005 Dialog
 File 674:Computer News Fulltext 1989-2005/Oct W2
 (c) 2005 IDG Communications
 File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	7477398	TV OR TELEVISION OR WEBTV OR IPTV OR (WEB OR INTERNET OR I-P) () (TV OR TELEVISION)
S2	991842	STB OR SET () TOP () BOX OR SETTOP () BOX OR RECEIVER?? OR GRAPHIC? () USER () INTERFACE?? OR GUI OR VOD OR VIDEO () ON () DEMAND OR STT OR SET () TOP () TERMINAL?? OR (CATV OR SUBSCRIBER OR CABLE) (- 3N) (BOX OR CONVERTER)
S3	83229	(PROGRAM? OR MOVIE?? OR SHOW?? OR SPORT?? OR APG OR IPG OR EPG OR ADVANCED OR ELECTRONIC OR INTERACTIVE) (3N) (PROGRAM? () (- GUIDE?? OR MENU?? OR LIST?? OR SCHEDULE?? OR GRID??))
S4	59	(DISPLAY(3N)GRID??) AND S3
S5	637198	(START OR BEGIN? OR SHOW?) (3N) (TIME?? OR TIME?? () (SLOT?? OR PERIOD?? OR INTERVAL??))
S6	369412	(STOP?? OR FINISH??? OR END???) (3N) (TIME?? OR TIME?? () (SLOT?? OR PERIOD?? OR INTERVAL??))
S7	93877	(BEYOND OR EXTEND?? OR BEFORE OR AFTER OR BETWEEN OR AFT OR PRIOR OR SUBSEQUENT OR WITHIN OR OUTSIDE) (3N) (S3:S6)
S8	1878	(DISPLAY? OR INDICAT? OR ARROW(3N)ICON?? OR GLYPH?? OR FONT?? OR GRAPHIC? OR GRAPHIX OR PICTOGRAM?? OR PICTOGRAPH?? OR - SYMBOL??) (3N) (S7 OR AMOUNT(3N)TIME??)
S9	22	AU=(MOIR, M? OR MOIR M?)
S10	141432	TIME(3N) (LAPSE OR REMAINING OR SLOT?? OR BAR??)
S11	72315	S1(3N)S2
S12	482	S11(3N) (S3 OR S4 OR S7)
S13	4	(DISPLAY? OR INDICAT? OR ARROW(3N)ICON?? OR GLYPH?? OR FONT?? OR GRAPHIC? OR GRAPHIX OR PICTOGRAM?? OR PICTOGRAPH?? OR - SYMBOL??) (3N)S12
S14	0	(AMOUNT(3N)TIME??) AND S13
S15	3	RD S13 (unique items)
S16	0	S12(3N)S10
S17	0	S12(20N)S10
S18	4	S12 AND S10
S19	4	S18 NOT (S13 OR S15)
S20	2	RD (unique items)
S21	0	S12 AND S9
S22	1326	S3(3N)S7
S23	10	S22(3N)S8
S24	0	S23 AND S10
S25	5	RD S23 (unique items)
S26	4	S25 NOT PY>2000
S27	4	S26 NOT (S15 OR S20)
S28	0	S27 NOT (LEARNER OR HARE OR BROWSERS)
S29	0	S22 AND S9

15/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

00587452 Supplier Number: 23089657 (USE FORMAT 7 OR 9 FOR FULLTEXT)
HP RIDES INTO WESTERN CABLE SHOW WITH KAYAK
(Hewlett-Packard Co is developing Kayak, its set-top box, for
Tele-Communications Inc and Comcast Corp)
Computer Reseller News, p 51+
December 12, 1994
DOCUMENT TYPE: Journal ISSN: 0893-8377 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 524

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...Kayak will use a Motorola 68000 microprocessor as its brains. Kayak will provide on-screen **displays** of **TV program guides**, **video - on - demand**, home shopping, interactive games and other services. It will hit the market in mid-1995...

TEXT:

According to Palo Alton, Calif.-based HP, the Kayak system will provide onscreen **display** of **TV program guides**, **video - on - demand**, home shopping, interactive games and other services.

The unit is expected to be available in...

15/3,K/2 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00950843 96-00236
HP rides into Western Cable Show with Kayak
Yamada, Ken
Computer Reseller News n609 PP: 51, 59 Dec 12, 1994
ISSN: 0893-8377 JRNL CODE: CRN
WORD COUNT: 539

...TEXT: manager.

According to Palo Alto, Calif.-based HP, the Kayak system will provide on-screen **display** of **TV program guides**, **video - on - demand**, home shopping, interactive games and other services.

The unit is expected to be available in...

15/3,K/3 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2005 CMP Media, LLC. All rts. reserv.

01036734 CMP ACCESSION NUMBER: CRN19941212S0038
HP RIDES INTO WESTERN CABLE SHOW WITH KAYAK (Short Takes)
KEN YAMADA
COMPUTER RESELLER NEWS, 1994, n 609, PG51
PUBLICATION DATE: 941212
JOURNAL CODE: CRN LANGUAGE: English

RECORD TYPE: Fulltext
SECTION HEADING: CONVERGENCE
WORD COUNT: 545

... manager.

According to Palo Alto, Calif.-based HP, the Kayak system will provide on-screen **display** of **TV program guides**, **video - on - demand**, home shopping, interactive games and other services.
The unit is expected to be available in...

20/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

02789838 Supplier Number: 25301184 (USE FORMAT 7 OR 9 FOR FULLTEXT)
TVN delivers Charter, Comcast.
(TVN Entertainment gets video-on-demand content delivery contracts)
Multichannel News, v 23, n 28, p 5(2)
July 15, 2002
DOCUMENT TYPE: Journal ISSN: 0276-8593 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 818

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...in the correct categories for Comcast's free-on-demand service.

INTEGRATION INITIATIVES

In other VOD news, TV Gateway LLC - the **interactive programming guide** - has completed an integration with Concurrent Computer Corp.'s VOD platform.

The updated TVGateway IPG...

...to listings; and a surfing feature that lets users scan through the listings by specific **time slots**. It also adds a concert video service from Music Choice with improved pay-per-view...

20/3,K/2 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

09939041 Supplier Number: 89394644 (USE FORMAT 7 FOR FULLTEXT)
TVN delivers Charter, Comcast. (Brief Article)
Stump, Matt; Brown, Karen
Multichannel News, v23, n28, p5(2)
July 15, 2002
Language: English Record Type: Fulltext
Article Type: Brief Article
Document Type: Magazine/Journal; Trade
Word Count: 913

... in the correct categories for Comcast's free-on-demand service.

INTEGRATION INITIATIVES

In other VOD news, TV Gateway LLC - the **interactive programming guide** - has completed an integration with Concurrent Computer Corp.'s VOD platform.

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...to listings; and a surfing feature that lets users scan through the listings by specific **time slots**. It also adds a concert video service from Music Choice with improved pay-per-view...